

Prüfbericht - Nr.:

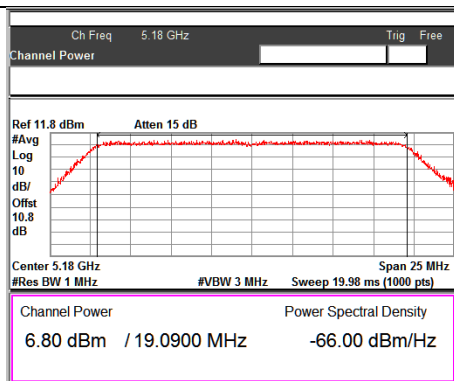
Test Report No.:

ULR-TC568822300000063F

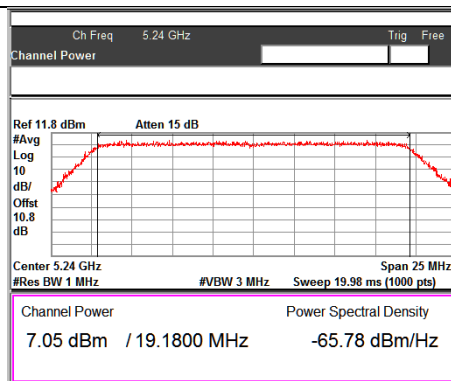
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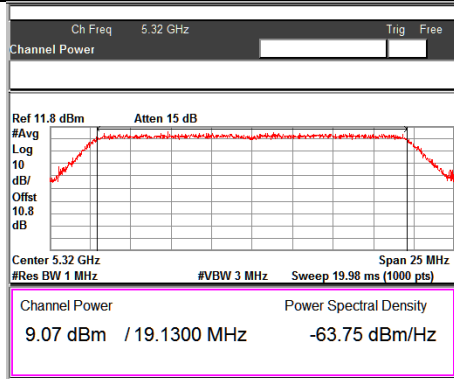
Data rate: MCS11



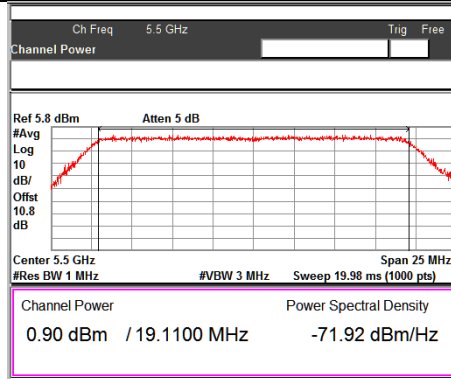
Channel frequency: 5180 MHz @ Chain1



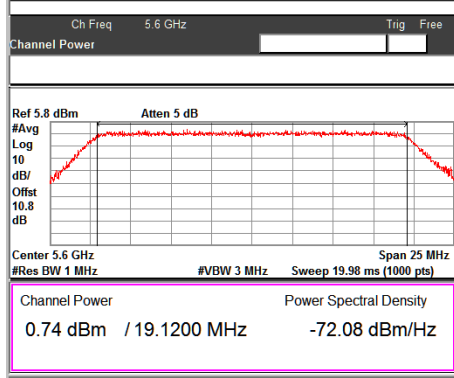
Channel frequency: 5240 MHz @ Chain1



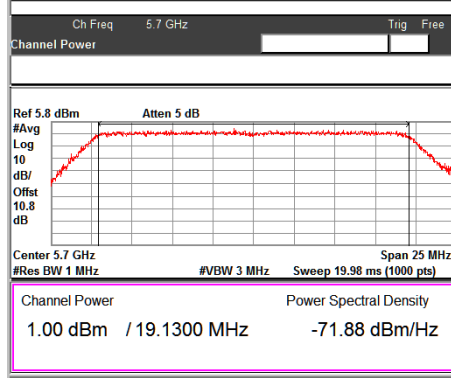
Channel frequency: 5320 MHz @ Chain1



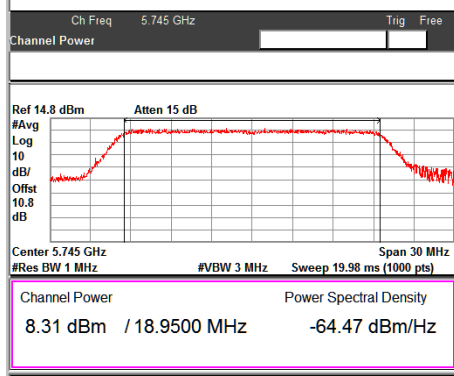
Channel frequency: 5500 MHz @ Chain1



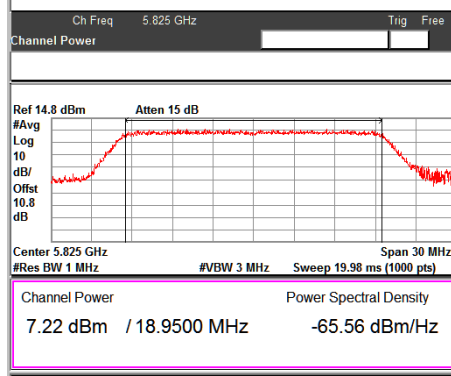
Channel frequency: 5600 MHz @ Chain1



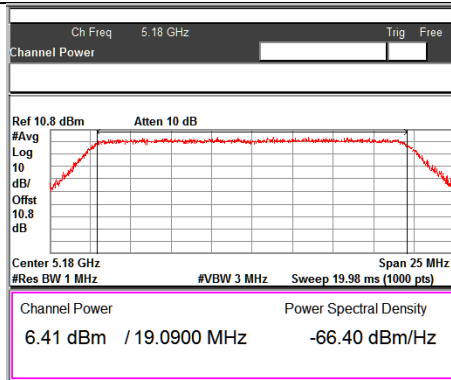
Channel frequency: 5700 MHz @ Chain1



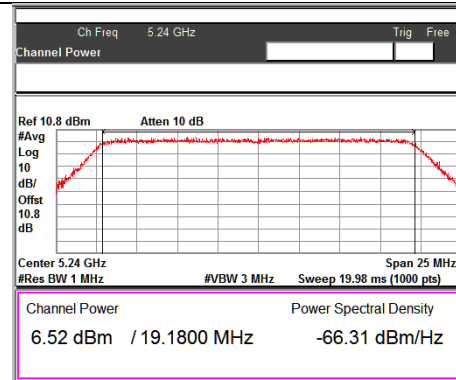
Channel frequency: 5745 MHz @ Chain1



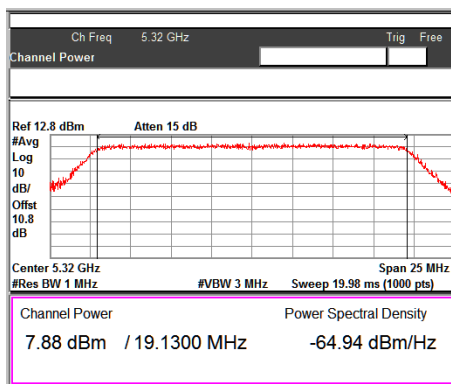
Channel frequency: 5825 MHz @ Chain1



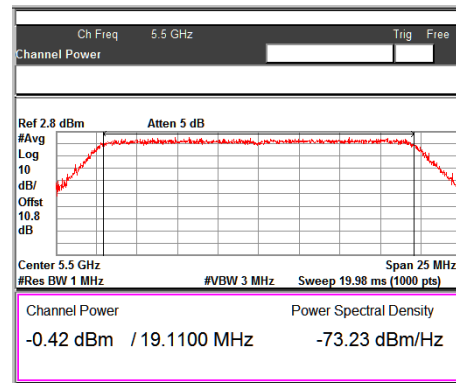
Channel frequency:5180MHz@Chain2



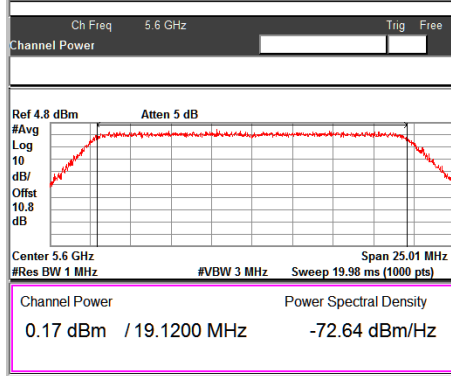
Channel frequency:5240MHz@Chain2



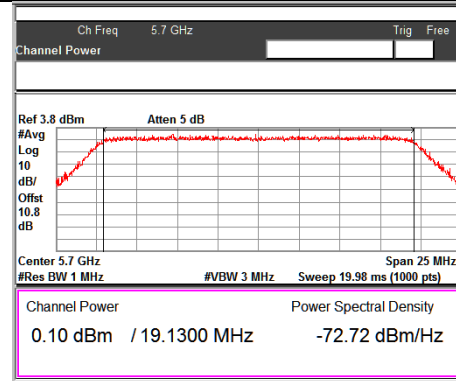
Channel frequency:5320MHz@Chain2



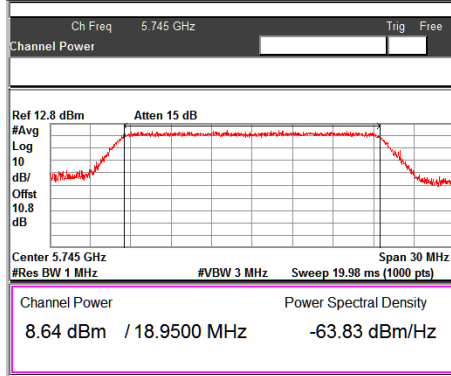
Channel frequency:5500MHz@Chain2



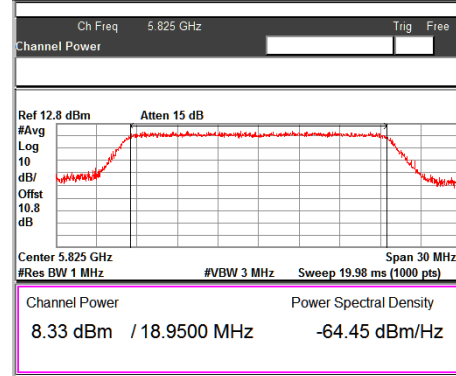
Channel frequency:5600MHz@Chain2



Channel frequency:5700MHz@Chain2



Channel frequency:5745MHz@Chain2



Channel frequency:5825MHz@Chain2

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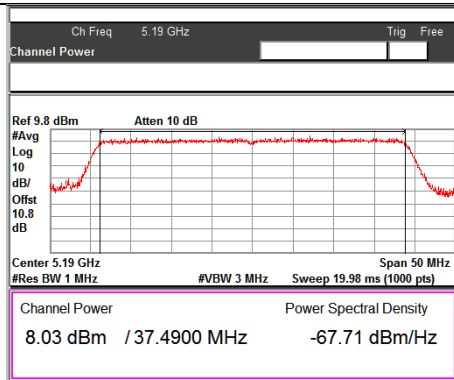
Modulation: 802.11ax-mode HE40MHz

Data Rate (Mbps)	Band	Channel Frequency (MHz)	Measured Average Power (dBm) Chain 1	Measured Average Power (dBm) Chain 2	Final Average output power (dBm)	Power Limit (dBm)
MCS0	UNII 1	5190	8.03	6.72	10.43	24
		5230	7.76	6.98	10.40	24
	UNII 2a	5270	9.46	8.98	12.24	24
		5510	7.72	7.01	10.39	24
	UNII 2c	5590	7.44	6.69	10.09	24
		5670	7.66	7.16	10.43	24
	UNII 3	5755	14.3	14.78	17.56	30
		5795	14.29	14.49	17.40	30
MCS11	UNII 1	5190	7.18	6.15	9.71	24
		5230	7.13	6.17	9.69	24
	UNII 2a	5270	8.45	8.12	11.30	24
		5510	-0.71	-2.15	1.64	24
	UNII 2c	5590	-0.59	-1.89	1.82	24
		5670	-0.99	-1.34	1.85	24
	UNII 3	5755	6.52	6.73	9.64	30
		5795	6.14	6.78	9.48	30

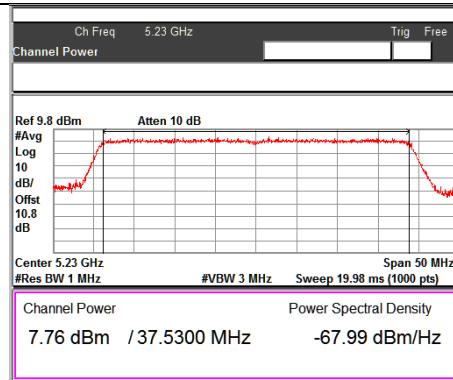
Note:

Total Average power (dBm): $10 \cdot \log\{10^{(\text{Ant0 of avg power}/10)} + 10^{(\text{Ant1 of avg power}/10)}\}$

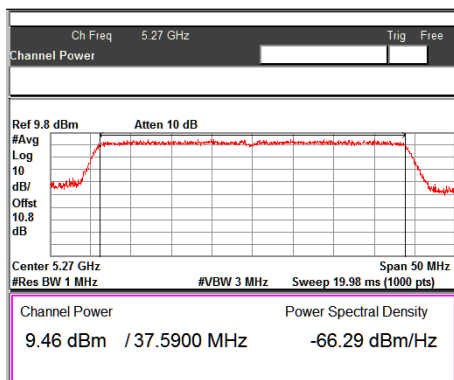
Test Plots: MCS0



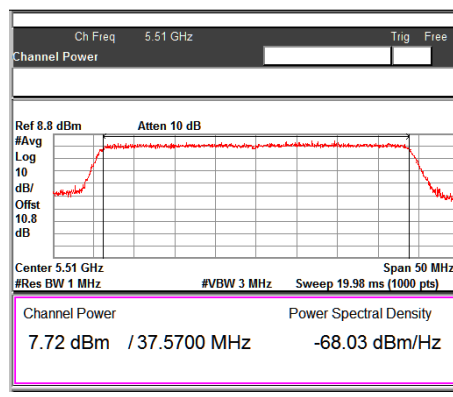
Channel frequency:5190MHz@Chain1



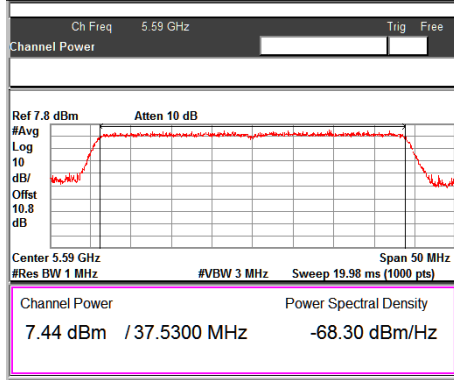
Channel frequency:5230MHz@Chain1



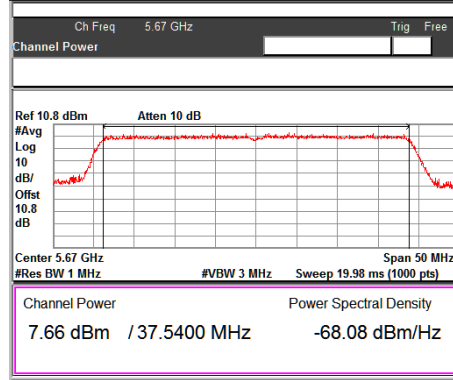
Channel frequency:5270MHz@Chain1



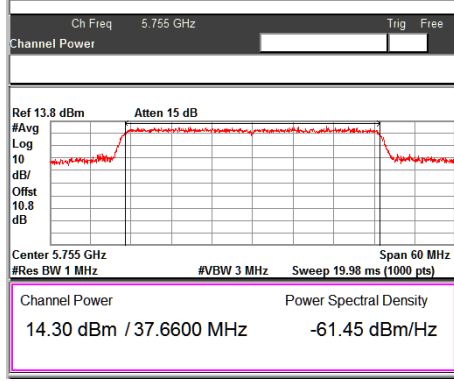
Channel frequency:5510MHz@Chain1



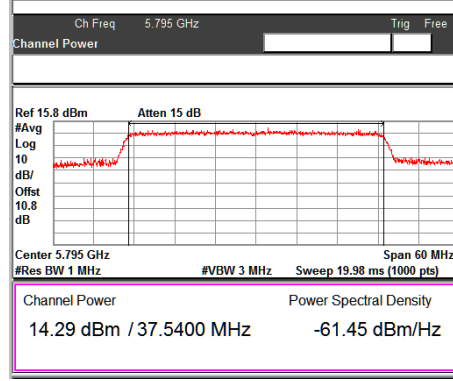
Channel frequency:5590MHz@Chain1



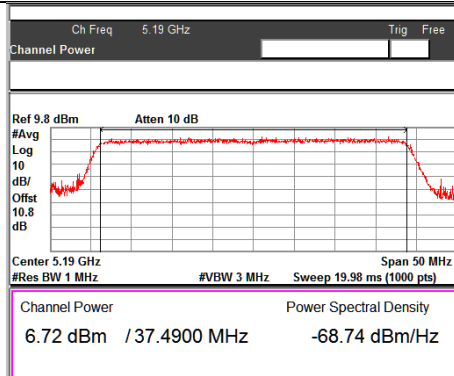
Channel frequency:5670MHz@Chain1



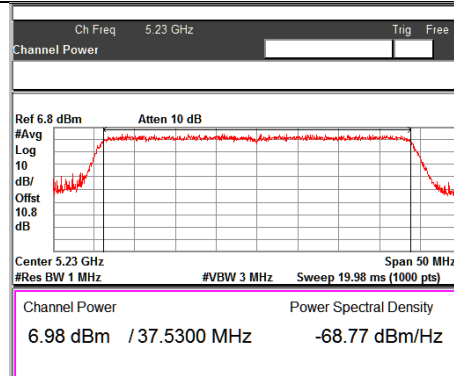
Channel frequency:5755MHz@Chain1



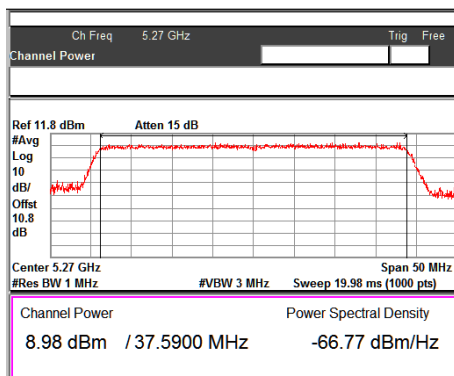
Channel frequency:5795MHz@Chain1



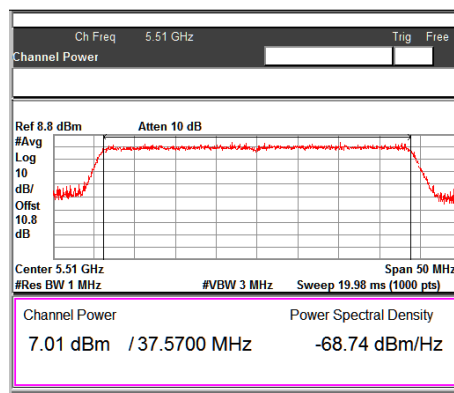
Channel frequency:5190MHz@Chain2



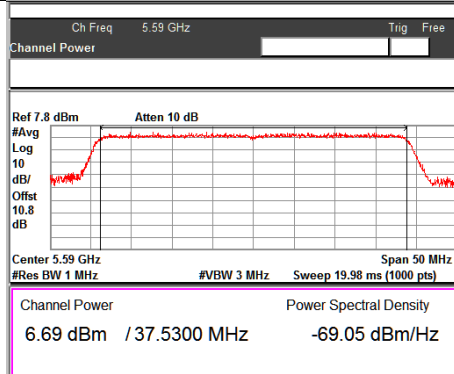
Channel frequency:5230MHz@Chain2



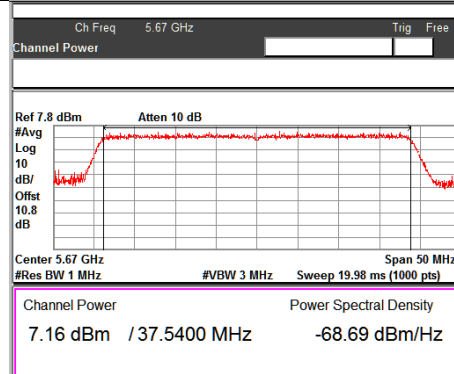
Channel frequency:5270MHz@Chain2



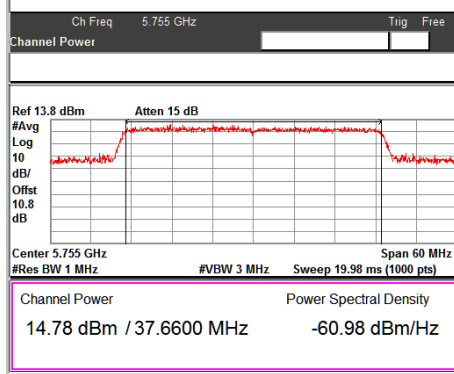
Channel frequency:5510MHz@Chain2



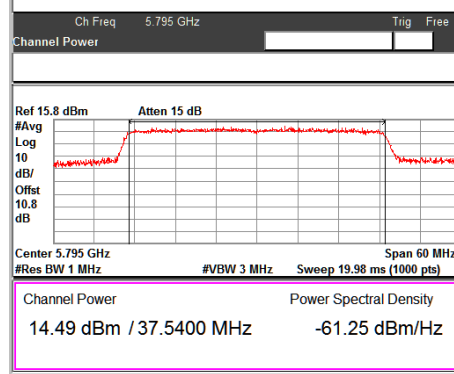
Channel frequency:5590MHz@Chain2



Channel frequency:5670MHz@Chain2

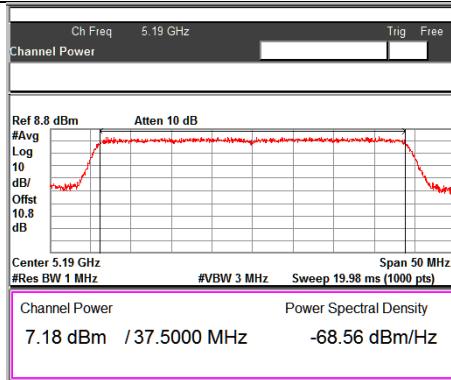


Channel frequency:5755MHz@Chain2

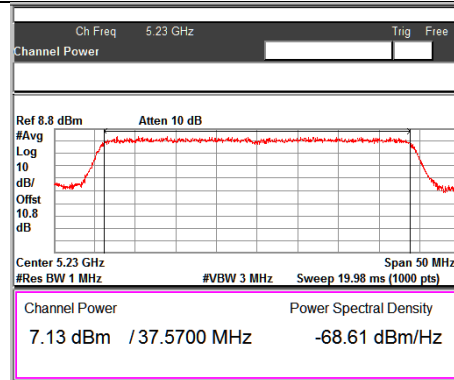


Channel frequency:5795MHz@Chain2

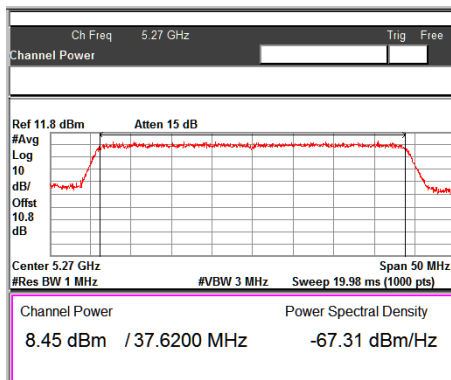
Data Rate: MCS11



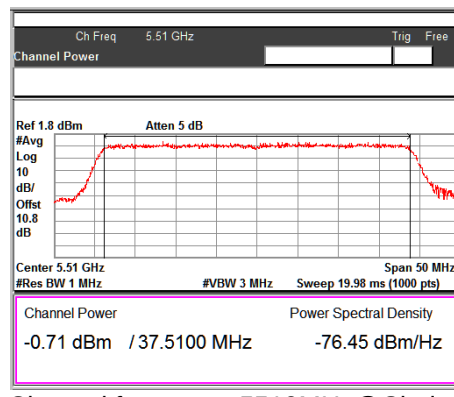
Channel frequency:5190MHz@Chain1



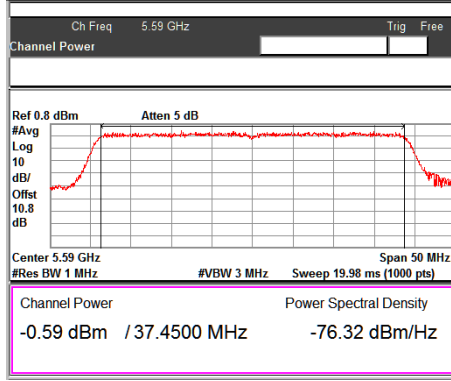
Channel frequency:5230MHz@Chain1



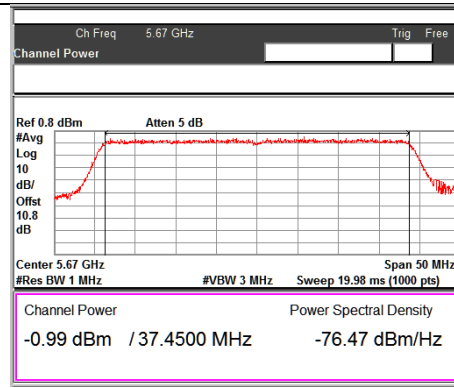
Channel frequency:5270MHz@Chain1



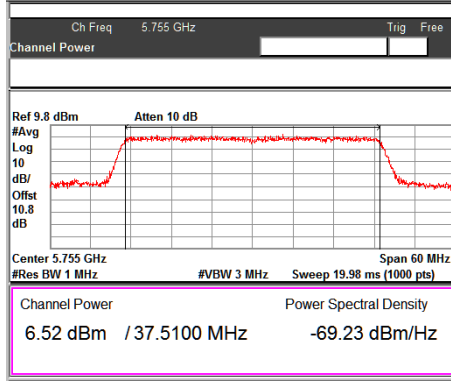
Channel frequency:5510MHz@Chain1



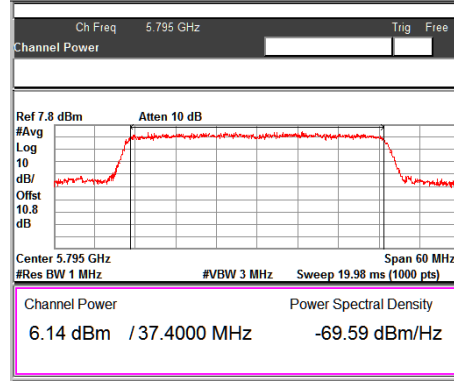
Channel frequency:5590MHz@Chain1



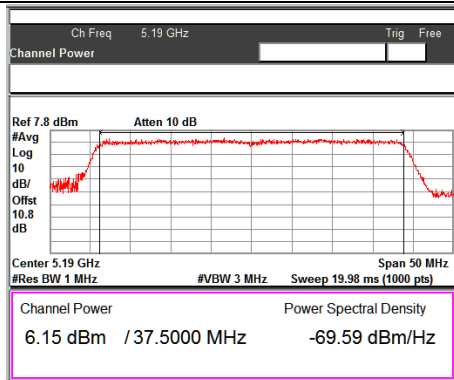
Channel frequency:5670MHz@Chain1



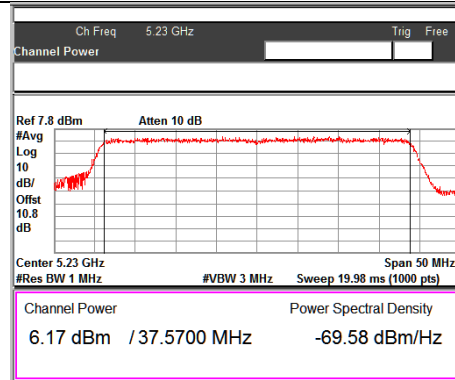
Channel frequency:5755MHz@Chain1



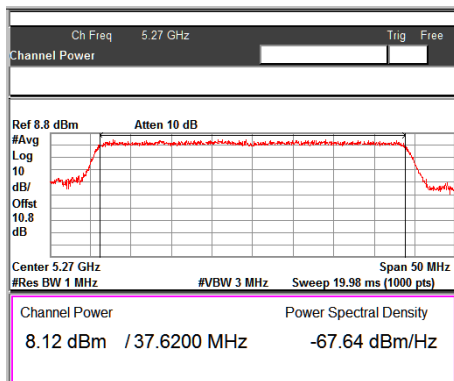
Channel frequency:5795MHz@Chain1



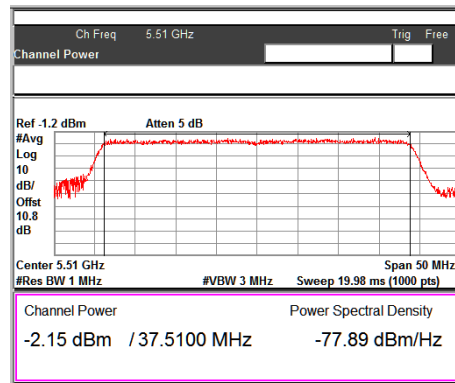
Channel frequency:5190MHz@Chain2



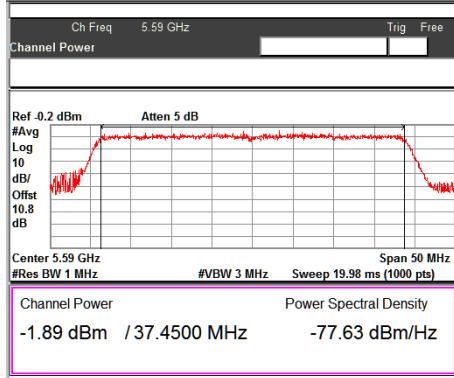
Channel frequency:5230MHz@Chain2



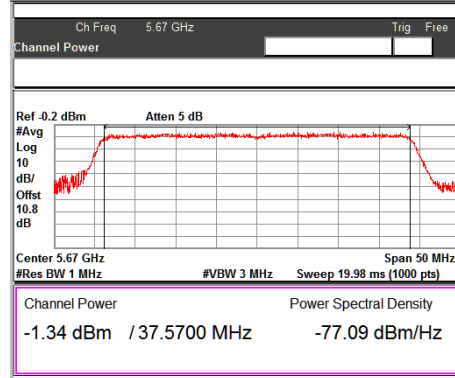
Channel frequency:5270MHz@Chain2



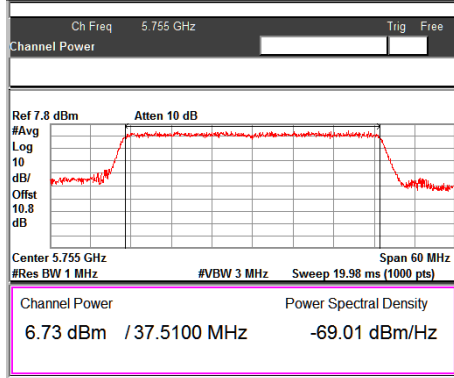
Channel frequency:5510MHz@Chain2



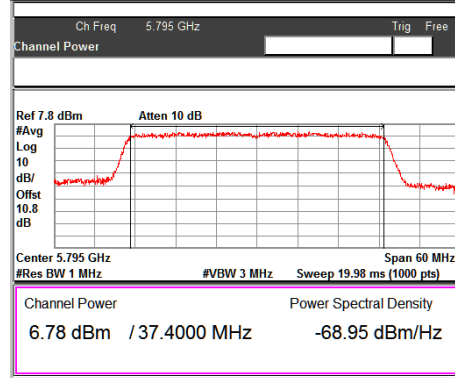
Channel frequency:5590MHz@Chain2



Channel frequency:5670MHz@Chain2



Channel frequency:5755MHz@Chain2



Channel frequency:5795MHz@Chain2

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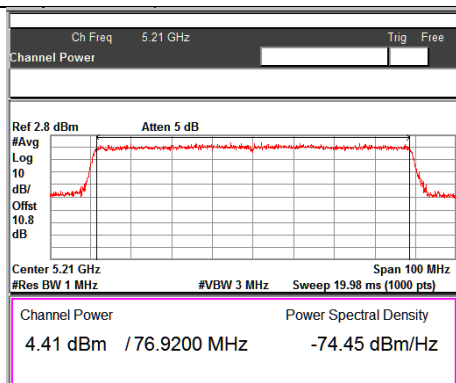
Modulation: 802.11ax-mode HE80MHz

Data Rate (Mbps)	Band	Channel Frequency (MHz)	Measured Average Power (dBm) Chain 1	Measured Average Power (dBm) Chain 2	Final Average output power (dBm)	Power Limit (dBm)
MCS0	UNII 1	5210.00	4.41	3.64	7.05	24
	UNII 2a	5290.00	4.31	3.45	6.91	24
	UNII 2c	5530.00	4.17	3.69	6.95	24
		5690.00	3.94	3.42	6.70	24
	UNII 3	5775.00	11.85	12.68	15.30	30
MCS11	UNII 1	5210.00	5.27	5.03	8.16	24
	UNII 2a	5290.00	5.07	4.69	7.89	24
	UNII 2c	5530.00	-0.31	-1.03	2.36	24
		5690.00	-0.52	-0.83	2.34	24
	UNII 3	5775.00	7.14	7.16	10.16	30

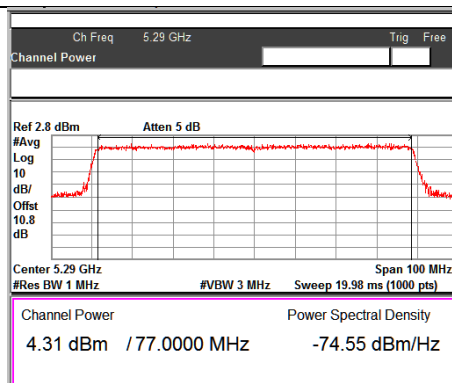
Note:

Total Average power (dBm): $10 \cdot \log\{10^{(\text{Ant0 of avg power}/10)} + 10^{(\text{Ant1 of avg power}/10)}\}$

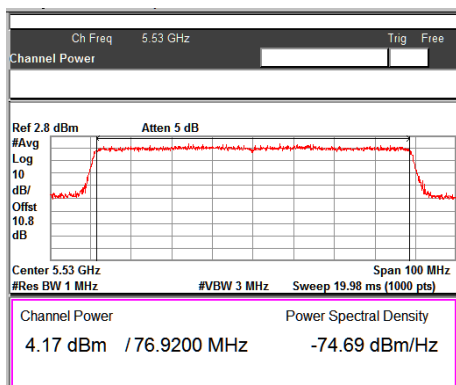
Test Plots: MCS0



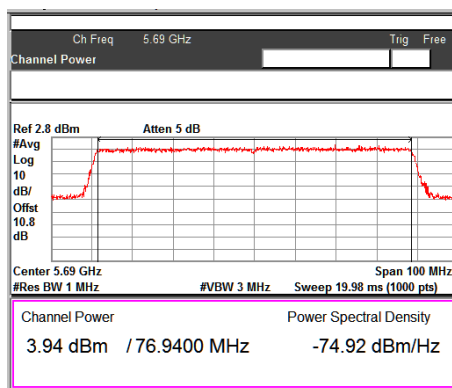
Channel frequency:5210MHz@Chain1



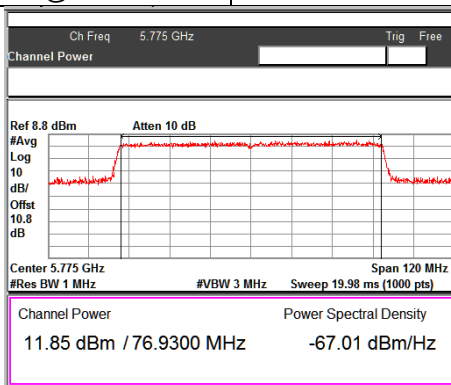
Channel frequency:5290MHz@Chain1



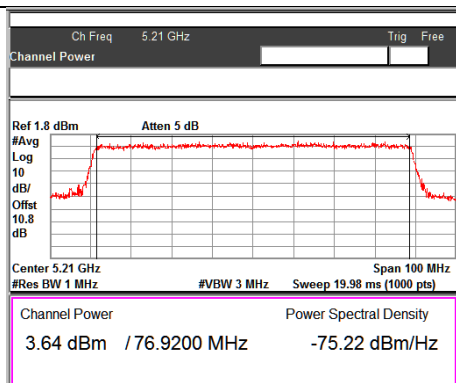
Channel frequency:5530MHz@Chain1



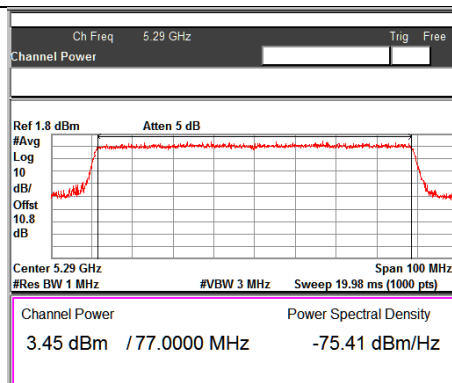
Channel frequency:5690MHz@Chain1



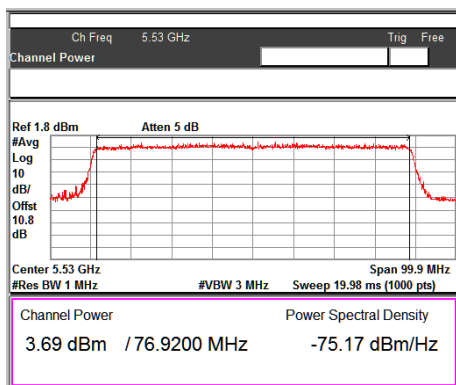
Channel frequency:5775MHz@Chain1



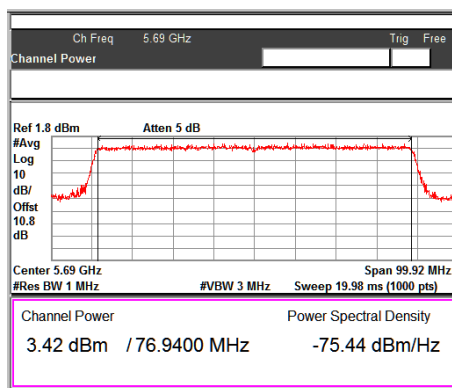
Channel frequency:5210MHz@Chain2



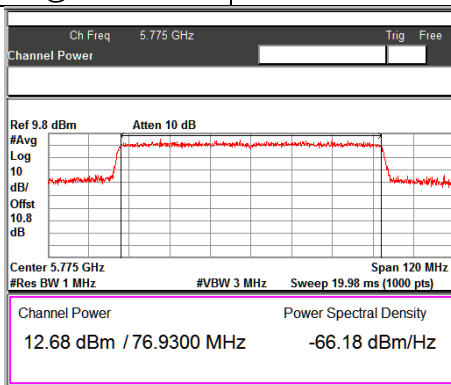
Channel frequency:5290MHz@Chain2



Channel frequency:5530MHz@Chain2

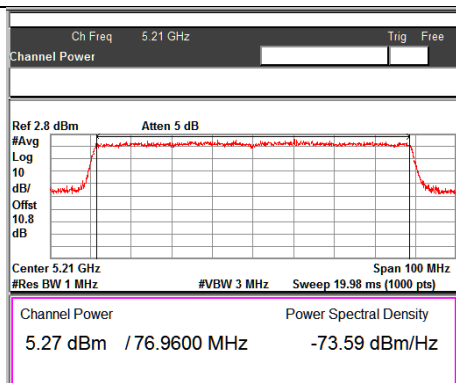


Channel frequency:5690MHz@Chain2

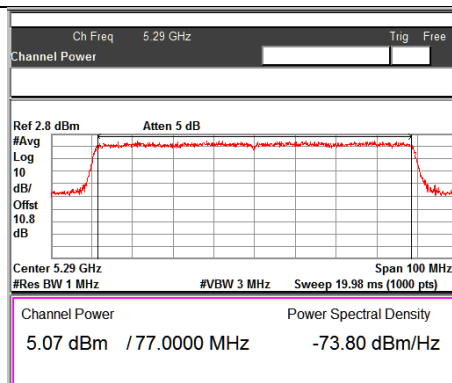


Channel frequency:5775MHz@Chain2

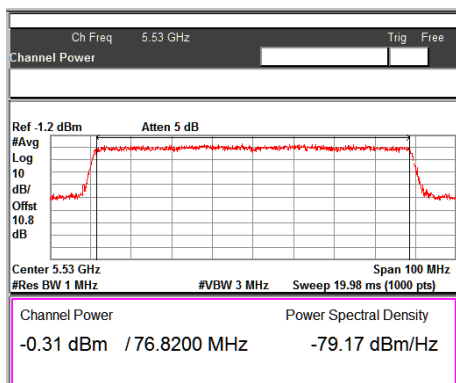
Test Plots: MCS11



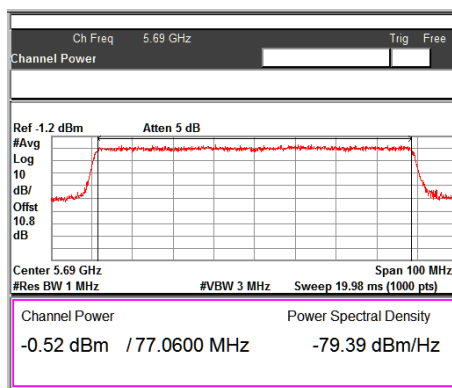
Channel frequency:5210MHz@Chain1



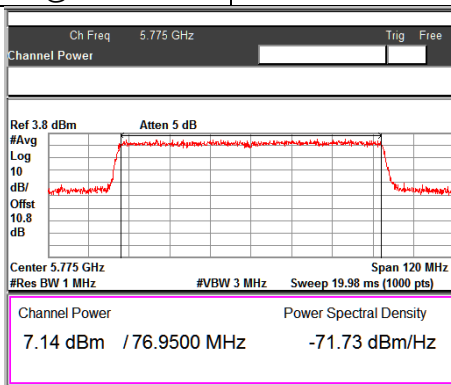
Channel frequency:5290MHz@Chain1



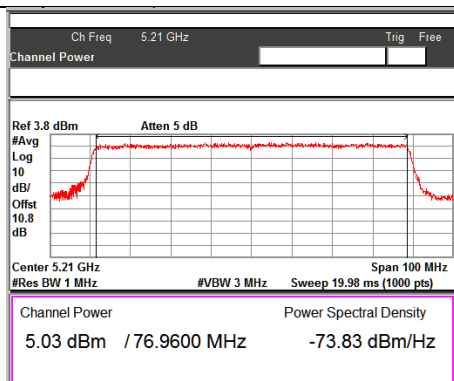
Channel frequency:5530MHz@Chain1



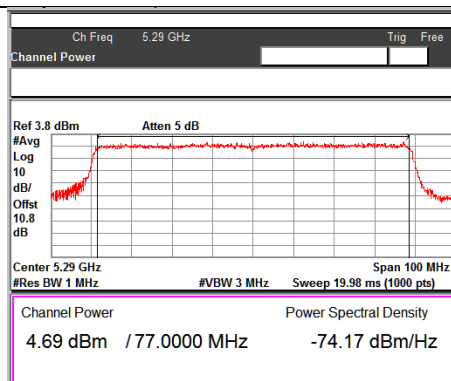
Channel frequency:5690MHz@Chain1



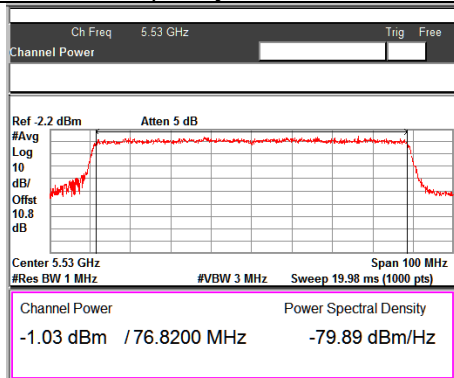
Channel frequency:5775MHz@Chain1



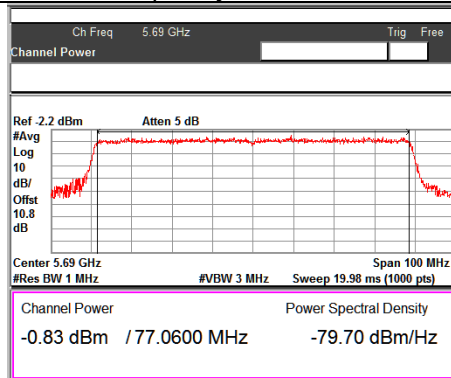
Channel frequency:5210MHz@Chain2



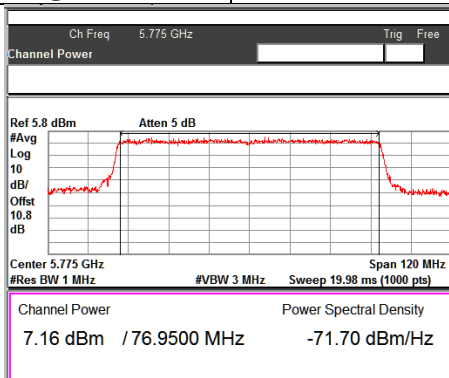
Channel frequency:5290MHz@Chain2



Channel frequency:5530MHz@Chain2



Channel frequency:5690MHz@Chain2



Channel frequency:5775MHz@Chain2

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7.2 Spurious Radiated Emissions & Restricted Bands of Operation

Result

Pass

Test Specification	FCC part 15 Subpart C Section 15.407 (b) (15.205 & 15.209)
Test Method	ANSI C 63.10 – 2013
Measurement Bandwidth	100kHz for below 1GHz 1MHz for above 1GHz
Measurement Location	Semi Anechoic Chamber 30MHz - 1 GHz Fully Anechoic Chamber 1 GHz - 40GHz
Measuring Distance	3 m
Detector	Refer Remark
Requirement	As per the limits mentioned in the below table
Test setup	Refer TEST METHODOLOGY

Limit:

Table 6: Undesirable emission limits

Frequency Band	Limit
5.15-5.25 GHz	e.i.r.p. -27dBm [68.2 dBuV/3m]
5.25-5.35 GHz	e.i.r.p. -27dBm [68.2 dBuV/3m]
5.47-5.725 GHz	e.i.r.p. -27dBm [68.2 dBuV/3m]
5.725-5.85 GHz	5.715 GHz to 5.725 GHz - e.i.r.p. -17dBm [78.2 dBuV/3m] 5.85 GHz to 5.86 GHz - e.i.r.p. -17dBm [78.2 dBuV/3m] other frequency range - e.i.r.p. -27dBm [68.2 dBuV/3m]

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Table 7: Transmitter limits for Radiated emission

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Distance of Measurement (m)
0.009 – 0.490	2400/F(kHz)	48.50 – 13.80	300*
0.490 – 1.705	24000/F(kHz)	33.80 – 23.00	30*
1.705 -30	30	29.54	30*
30-88	100	40.0	3
88-216	150	43.5	3
216-960	200	46.0	3
Above 960	500	54.0	3

Remark: * The limit shows in the table above of frequency range 0.009 – 0.490, 0.490 – 1.705 MHz and 1.705-30MHz is at 300 meter, 30 meter and 30 meter range respectively, which corresponds to 128.51 – 93.80, 73.80 – 62.96 and 69.54 dBμV/m at 3m range by extrapolation calculation and the measurement of loop antenna.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 25 °C

Voltage = 12VDC through AC to DC Adapter

Relative humidity: 62 %

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Test results:

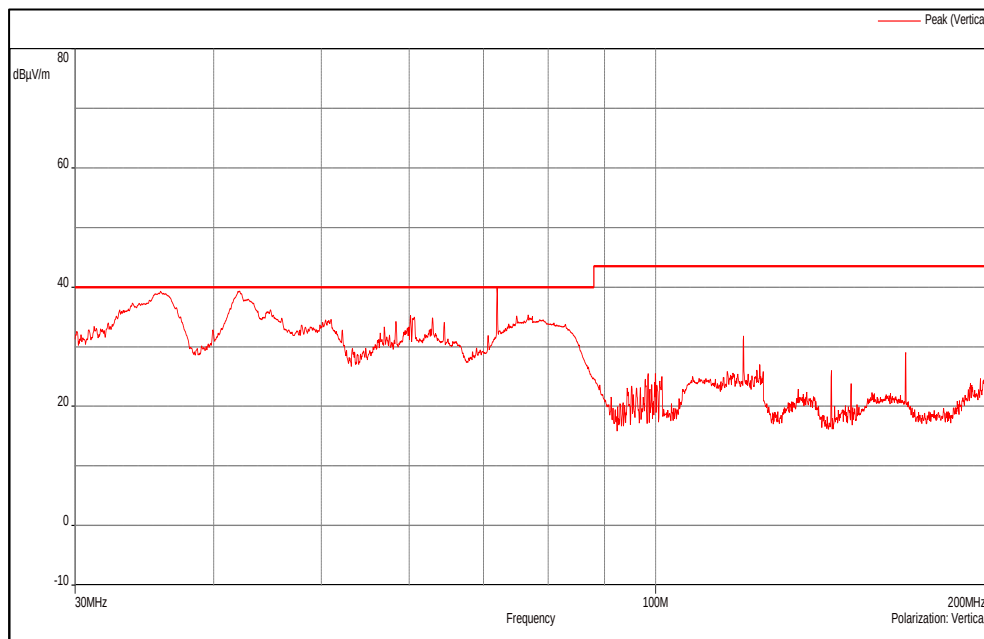
Note: All the losses are included during measurement and final values are mentioned in the test report. Refer TEST METHODOLOGY for more details

Test results for Frequency range : 9kHz – 30MHz

No Emissions found in the frequency range 9kHz – 30MHz

Test results for frequency range 30MHz – 1GHz

Antenna Polarization	Measured Frequency (MHz)	Measured Quasi peak value (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	36.408	37.18	40.00	-2.82
	42.282	36.94	40.00	-3.06
	71.976	36.78	40.00	-3.22
	287.462	28.99	46.00	-17.01
	288.206	26.71	46.00	-19.29
	290.702	28.23	46.00	-17.77
	399.992	41.73	46.00	-4.27
	900.008	39.54	46.00	-6.46
Horizontal	78.564	32.93	40.00	-7.07
	287.618	35.33	46.00	-10.67
	291.134	32.65	46.00	-13.35
	296.102	34.54	46.00	-11.46
	399.956	42.21	46.00	-3.79
	528.014	33.67	46.00	-12.33
	599.978	39.16	46.00	-6.84
	899.966	44.48	46.00	-1.52



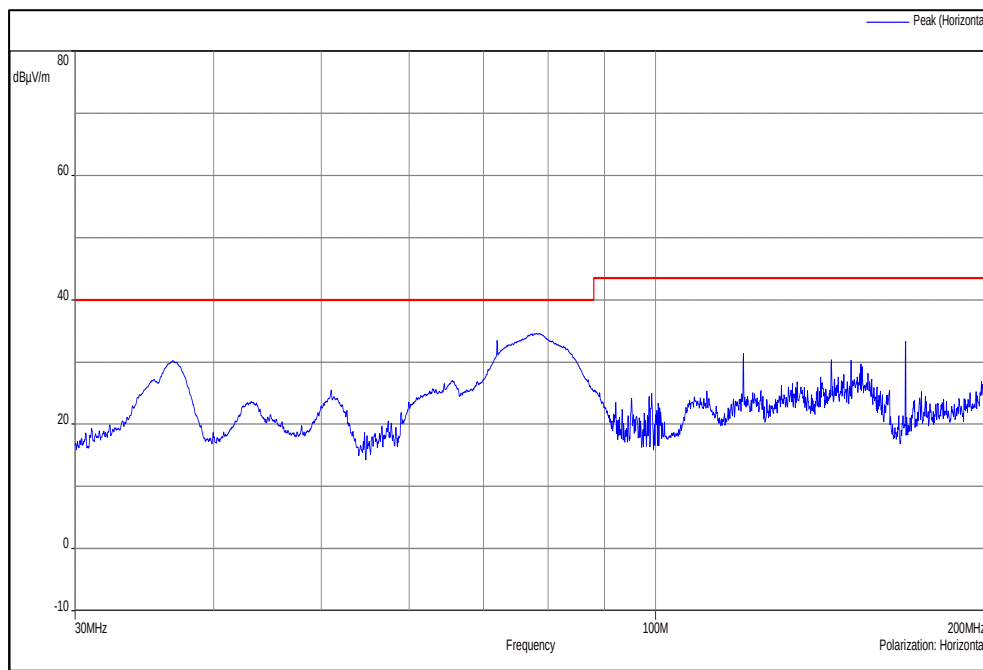
Channel Frequency 30MHz – 200MHz

Polarization Vertical

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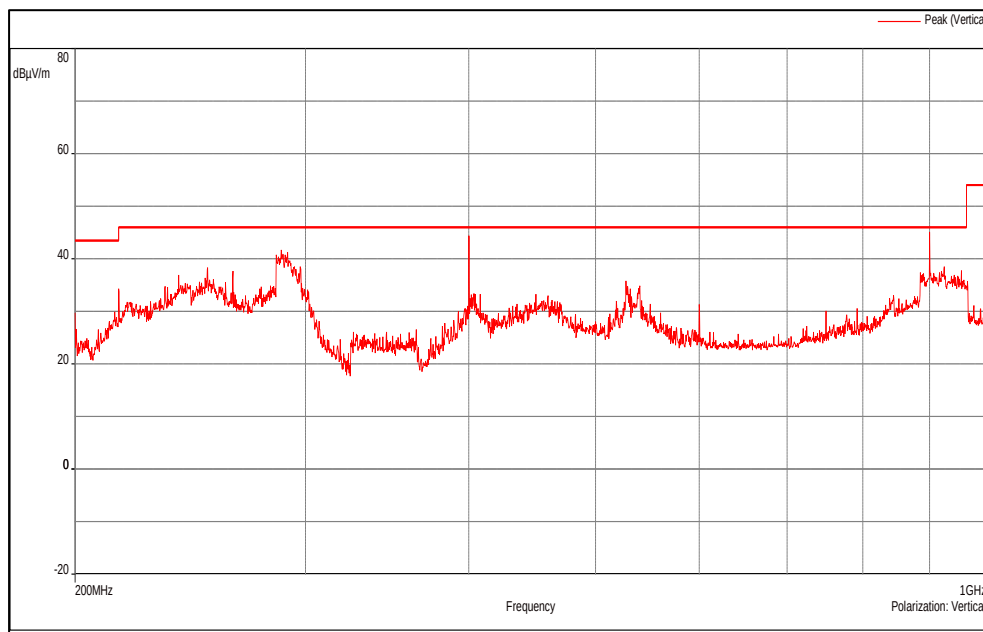
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Channel Frequency 30MHz – 200MHz

Polarization Horizontal



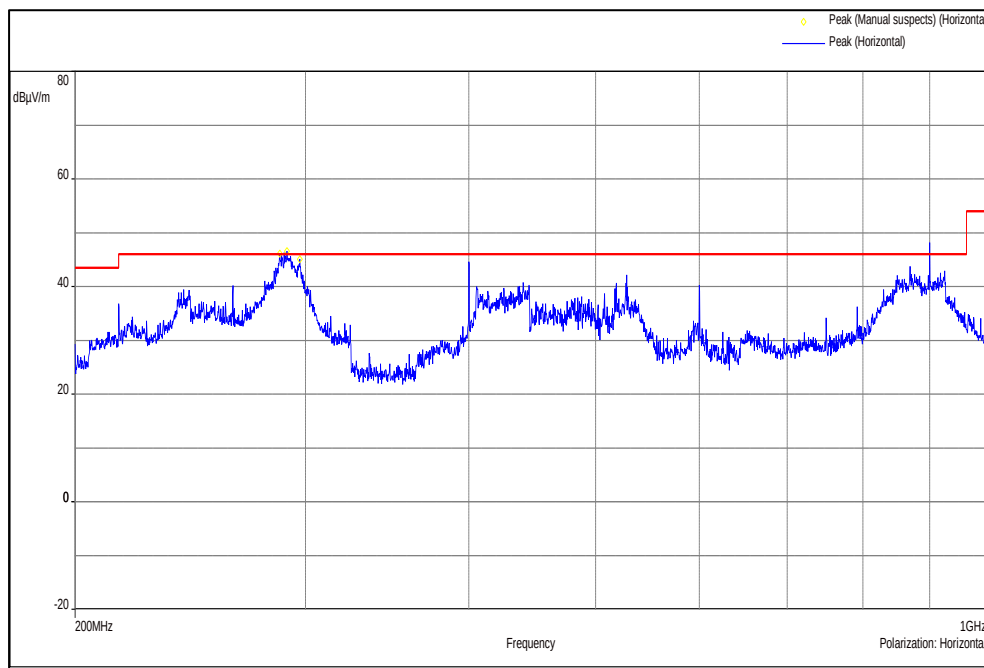
Channel Frequency 200MHz – 1GHz

Polarization Vertical

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Channel Frequency 200MHz – 1GHz

Polarization Horizontal

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Test results for frequency range – 1GHz to 40 GHz

Modulation: 802.11a
Data rate: 6Mbps

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	100.71	-	-
		5180 (Av)		90.82	-	-
		5150 (Pk)		57.68	74*	-16.32
		5150 (Av)		35.96	54*	-18.04
		10360 (Pk)		52.57	68.23	-15.66
		10360 (Av)		39.56	54	-14.44
		15540 (Pk)		53.84	68.23	-14.39
		15540 (Av)		42.11	54	-11.89
		5180 (Pk)	Horizontal	108.03	-	-
		5180 (Av)		98.63	-	-
		5150 (Pk)		67.03	74*	-6.97
		5150 (Av)		42.36	54*	-11.64
		10360 (Pk)		51.63	68.23	-16.60
		10360 (Av)		39.61	54	-14.39
		15540 (Pk)		54.17	68.23	-14.06
		15540 (Av)		42.11	54	-11.89
	5240	5240 (Pk)	Vertical	97.89	-	-
		5240 (Av)		88.33	-	-
		5350 (Pk)		43.26	74*	-30.74
		5350 (Av)		30.90	54*	-23.10
		10480 (Pk)		52.80	68.23	-15.43
		10480 (Av)		40.58	54	-13.42
		15720 (Pk)		53.88	68.23	-14.35
		15720 (Av)		41.84	54	-12.16
		5240 (Pk)	Horizontal	106.26	-	-
		5240 (Av)		96.41	-	-
		5350 (Pk)		46.90	74*	-27.10
		5350 (Av)		35.03	54*	-18.97
		10480 (Pk)		53.36	68.23	-14.87
		10480 (Av)		40.55	54	-13.45
		15720 (Pk)		54.51	68.23	-13.72
		15720 (Av)		41.81	54	-12.19

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UNII 2a	5320	5320 (Pk)	Vertical	101.02	-	-
		5320 (Av)		91.17	-	-
		5350 (Pk)		57.25	74*	-16.75
		5350 (Av)		37.16	54*	-16.84
		10640 (Pk)		52.75	68.23	-15.48
		10640 (Av)		40.53	54	-13.47
		15960 (Pk)		53.82	68.23	-14.41
		15960 (Av)		42.05	54	-11.95
		5320 (Pk)	Horizontal	109.09	-	-
		5320 (Av)		99.21	-	-
		5350 (Pk)		65.79	74*	-8.21
		5350 (Av)		44.07	54*	-9.93
		10640 (Pk)		52.32	68.23	-15.91
		10640 (Av)		40.55	54	-13.45
		15960 (Pk)		54.45	68.23	-13.78
		15960 (Av)		42.09	54	-11.91
UNII 2c	5500	5500 (Pk)	Vertical	97.62	-	-
		5500 (Av)		87.63	-	-
		5460 (Pk)		44.61	74*	-29.39
		5460 (Av)		32.83	54*	-21.17
		11000 (Pk)		53.62	68.23	-14.61
		11000 (Av)		41.45	54	-12.55
		16500 (Pk)		55.98	68.23	-12.25
		16500 (Av)		43.94	54	-10.06
		5500 (Pk)	Horizontal	105.31	-	-
		5500 (Av)		95.82	-	-
		5460 (Pk)		50.03	74*	-23.97
		5460 (Av)		37.81	54*	-16.19
		11000 (Pk)		54.36	68.23	-13.87
		11000 (Av)		41.48	54	-12.52
		16500 (Pk)		56.32	68.23	-11.91
		16500 (Av)		43.92	54	-10.08
	5600	5600 (Pk)	Vertical	95.53	-	-
		5600 (Av)		85.63	-	-
		5460 (Pk)		42.37	74*	-31.63
		5460 (Av)		30.16	54*	-23.84
		11200 (Pk)		53.40	68.23	-14.83
		11200 (Av)		41.09	54	-12.91
		16800 (Pk)		56.14	68.23	-12.09
		16800 (Av)		43.73	54	-10.27
		5600 (Pk)	Horizontal	104.67	-	-
		5600 (Av)		94.52	-	-
		5460 (Pk)		43.87	74*	-30.13
		5460 (Av)		31.77	54*	-22.23
		11200 (Pk)		53.63	68.23	-14.60
		11200 (Av)		41.12	54	-12.88
		16800 (Pk)		56.30	68.23	-11.93
		16800 (Av)		43.76	54	-10.24

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	5700	5700 (Pk)	Vertical	95.71	-	-
		5700 (Av)		86.40	-	-
		5460 (Pk)		42.33	74*	-31.67
		5460 (Av)		29.73	54*	-24.27
		11400 (Pk)		53.97	68.23	-14.26
		11400 (Av)		41.86	54	-12.14
		17100 (Pk)		57.30	68.23	-10.93
		17100 (Av)		44.13	54	-9.87
		5700 (Pk)	Horizontal	105.42	-	-
		5700 (Av)		95.02	-	-
		5460 (Pk)		42.88	74*	-31.12
		5460 (Av)		30.71	54*	-23.29
		11400 (Pk)		53.41	68.23	-14.82
		11400 (Av)		42.04	54	-11.96
		17100 (Pk)		56.88	68.23	-11.35
		17100 (Av)		44.03	54	-9.97
UNII 3	5745	5745 (Pk)	Vertical	100.49	-	-
		5745 (Av)		91.27	-	-
		5715(Pk)		56.10	78.2*	-22.10
		5725(Pk)		65.36	78.2*	-12.84
		11490 (Pk)		55.33	68.23	-12.90
		11490 (Av)		43.52	54	-10.48
		17235 (Pk)		56.17	68.23	-12.06
		17235 (Av)		44.39	54	-9.61
		5745 (Pk)	Horizontal	109.04	-	-
		5745 (Av)		99.44	-	-
		5715(Pk)		66.60	78.2*	-11.6
		5725(Pk)		74.24	78.2*	-3.96
		11490 (Pk)		64.80	68.23	-3.43
		11490 (Av)		49.41	54	-4.59
		17235 (Pk)		56.51	68.23	-11.72
		17235 (Av)		44.30	54	-9.70
	5825	5825 (Pk)	Vertical	103.78	-	-
		5825 (Av)		93.94	-	-
		5850 (Pk)		60.69	78.2*	-17.51
		5860 (Pk)		53.86	78.2*	-24.34
		11650 (Pk)		54.99	68.23	-13.24
		11650 (Av)		42.85	54	-11.15
		17475 (Pk)		58.67	68.23	-9.56
		17475 (Av)		46.33	54	-7.67
		5825 (Pk)	Horizontal	110.42	-	-
		5825 (Av)		100.48	-	-
		5850 (Pk)		68.42	78.2*	-9.78
		5860 (Pk)		59.60	78.2*	-18.60
		11650 (Pk)		59.16	68.23	-9.07
		11650 (Av)		45.44	54	-8.56
		17475 (Pk)		58.38	68.23	-9.85
		17475 (Pk)		46.31	54	-7.69

Note:

*** : Indicate restricted band frequency in 15.205**

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11a
Data rate: 54Mbps

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	99.27	-	-
		5180 (Av)		85.26	-	-
		5150 (Pk)		48.29	74*	-25.71
		5150 (Av)		33.78	54*	-20.22
		10360 (Pk)		51.70	68.23	-16.53
		10360 (Av)		39.57	54	-14.43
		15540 (Pk)		54.55	68.23	-13.68
		15540 (Av)		42.14	54	-11.86
		5180 (Pk)	Horizontal	108.13	-	-
		5180 (Av)		94.27	-	-
		5150 (Pk)		55.25	74*	-18.75
		5150 (Av)		40.71	54*	-13.29
		10360 (Pk)		51.71	68.23	-16.52
		10360 (Av)		39.59	54	-14.41
		15540 (Pk)		54.61	68.23	-13.62
		15540 (Av)		42.16	54	-11.84
	5240	5240 (Pk)	Vertical	98.36	-	-
		5240 (Av)		84.51	-	-
		5350 (Pk)		43.88	74*	-30.12
		5350 (Av)		30.73	54*	-23.27
		10480 (Pk)		52.94	68.23	-15.29
		10480 (Av)		40.58	54	-13.42
		15720 (Pk)		53.84	68.23	-14.39
		15720 (Av)		41.88	54	-12.12
		5240 (Pk)	Horizontal	106.19	-	-
		5240 (Av)		92.07	-	-
		5350 (Pk)		46.82	74*	-27.18
		5350 (Av)		34.02	54*	-19.98
		10480 (Pk)		52.63	68.23	-15.60
		10480 (Av)		40.54	54	-13.46
		15720 (Pk)		54.09	68.23	-14.14
		15720 (Av)		41.85	54	-12.15

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UNII 2a	5320	5320 (Pk)	Vertical	101.90	-	-
		5320 (Av)		88.11	-	-
		5350 (Pk)		51.37	74*	-22.63
		5350 (Av)		34.56	54*	-19.44
		10640 (Pk)		53.02	68.23	-15.21
		10640 (Av)		40.41	54	-13.59
		15960 (Pk)		54.51	68.23	-13.72
		15960 (Av)		42.02	54	-11.98
		5320 (Pk)	Horizontal	109.26	-	-
		5320 (Av)		95.39	-	-
		5350 (Pk)		58.78	74*	-15.22
		5350 (Av)		40.89	54*	-13.11
		10640 (Pk)		53.41	68.23	-14.82
		10640 (Av)		40.40	54	-13.60
		15960 (Pk)		53.90	68.23	-14.33
		15960 (Av)		41.98	54	-12.02
UNII 2c	5500	5500 (Pk)	Vertical	97.78	-	-
		5500 (Av)		83.72	-	-
		5460 (Pk)		44.20	74*	-29.80
		5460 (Av)		32.24	54*	-21.76
		11000 (Pk)		53.54	68.23	-14.69
		11000 (Av)		41.35	54	-12.65
		16500 (Pk)		55.79	68.23	-12.44
		16500 (Av)		43.77	54	-10.23
		5500 (Pk)	Horizontal	104.70	-	-
		5500 (Av)		90.85	-	-
		5460 (Pk)		48.84	74*	-25.16
		5460 (Av)		36.14	54*	-17.86
		11000 (Pk)		53.58	68.23	-14.65
		11000 (Av)		41.35	54	-12.65
		16500 (Pk)		55.99	68.23	-12.24
		16500 (Av)		43.74	54	-10.26
	5600	5600 (Pk)	Vertical	96.60	-	-
		5600 (Av)		83.07	-	-
		5460 (Pk)		42.31	74*	-31.69
		5460 (Av)		29.99	54*	-24.01
		11200 (Pk)		52.93	68.23	-15.30
		11200 (Av)		41.00	54	-13.00
		16800 (Pk)		55.90	68.23	-12.33
		16800 (Av)		43.79	54	-10.21
		5600 (Pk)	Horizontal	105.94	-	-
		5600 (Av)		91.27	-	-
		5460 (Pk)		44.15	74*	-29.85
		5460 (Av)		31.25	54*	-22.75
		11200 (Pk)		53.84	68.23	-14.39
		11200 (Av)		40.97	54	-13.03
		16800 (Pk)		55.94	68.23	-12.29
		16800 (Av)		43.71	54	-10.29

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	5700	5700 (Pk)	Vertical	96.90	-	-
		5700 (Av)		82.70	-	-
		5460 (Pk)		42.25	74*	-31.75
		5460 (Av)		29.76	54*	-24.24
		11400 (Pk)		54.08	68.23	-14.15
		11400 (Av)		41.77	54	-12.23
		17100 (Pk)		56.29	68.23	-11.94
		17100 (Av)		44.08	54	-9.92
		5700 (Pk)	Horizontal	104.36	-	-
		5700 (Av)		90.57	-	-
		5460 (Pk)		42.44	74*	-31.56
		5460 (Av)		30.46	54*	-23.54
		11400 (Pk)		53.71	68.23	-14.52
		11400 (Av)		42.02	54	-11.98
		17100 (Pk)		56.25	68.23	-11.98
		17100 (Av)		44.13	54	-9.87
UNII 3	5745	5745 (Pk)	Vertical	101.39	-	-
		5745 (Av)		87.77	-	-
		5715(Pk)		53.47	78.2*	-24.73
		5725(Pk)		64.74	78.2*	-13.46
		11490 (Pk)		55.16	68.23	-13.07
		11490 (Av)		42.83	54	-11.17
		17235 (Pk)		56.59	68.23	-11.64
		17235 (Av)		43.92	54	-10.08
		5745 (Pk)	Horizontal	109.20	-	-
		5745 (Av)		95.03	-	-
		5715(Pk)		64.14	78.2*	-14.06
		5725(Pk)		73.62	78.2*	-4.58
		11490 (Pk)		58.64	68.23	-9.59
		11490 (Av)		44.37	54	-9.63
		17235 (Pk)		55.75	68.23	-12.48
		17235 (Av)		43.90	54	-10.10
	5825	5825 (Pk)	Vertical	102.04	-	-
		5825 (Av)		88.18	-	-
		5850 (Pk)		54.47	78.2*	-23.73
		5860 (Pk)		47.04	78.2*	-31.16
		11650 (Pk)		53.49	68.23	-14.74
		11650 (Av)		42.08	54	-11.92
		17475 (Pk)		57.52	68.23	-10.71
		17475 (Av)		46.07	54	-7.93
		5825 (Pk)	Horizontal	110.29	-	-
		5825 (Av)		95.67	-	-
		5850 (Pk)		61.70	78.2*	-16.50
		5860 (Pk)		54.19	78.2*	-24.01
		11650 (Pk)		64.69	68.23	-3.54
		11650 (Av)		48.46	54	-5.54
		17475 (Pk)		57.89	68.23	-10.34
		17475 (Pk)		46.01	54	-7.99

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Modulation: 802.11n-HT20
Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	100.43	-	-
		5180 (Av)		90.51	-	-
		5150 (Pk)		54.19	74*	-19.81
		5150 (Av)		35.28	54*	-18.72
		10360 (Pk)		51.82	68.23	-16.41
		10360 (Av)		39.56	54	-14.44
		15540 (Pk)		54.38	68.23	-13.85
		15540 (Av)		42.08	54	-11.92
		5180 (Pk)	Horizontal	105.26	-	-
		5180 (Av)		95.12	-	-
		5150 (Pk)		56.45	74*	-17.55
		5150 (Av)		40.44	54*	-13.56
		10360 (Pk)		51.96	68.23	-16.27
		10360 (Av)		39.52	54	-14.48
		15540 (Pk)		54.01	68.23	-14.22
		15540 (Av)		42.10	54	-11.90
	5240	5240 (Pk)	Vertical	96.54	-	-
		5240 (Av)		87.41	-	-
		5350 (Pk)		43.38	74*	-30.62
		5350 (Av)		30.92	54*	-23.08
		10480 (Pk)		52.99	68.23	-15.24
		10480 (Av)		40.52	54	-13.48
		15720 (Pk)		52.55	68.23	-15.68
		15720 (Av)		41.84	54	-12.16
		5240 (Pk)	Horizontal	105.00	-	-
		5240 (Av)		96.41	-	-
		5350 (Pk)		47.05	74*	-26.95
		5350 (Av)		35.35	54*	-18.65
		10480 (Pk)		52.32	68.23	-15.91
		10480 (Av)		40.51	54	-13.49
		15720 (Pk)		53.54	68.23	-14.69
		15720 (Av)		41.84	54	-12.16

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UNII 2a	5320	5320 (Pk)	Vertical	99.95	-	-
		5320 (Av)		90.10	-	-
		5350 (Pk)		59.07	74*	-14.93
		5350 (Av)		38.13	54*	-15.87
		10640 (Pk)		53.02	68.23	-15.21
		10640 (Av)		40.36	54	-13.64
		15960 (Pk)		53.93	68.23	-14.30
		15960 (Av)		42.09	54	-11.91
		5320 (Pk)	Horizontal	107.94	-	-
		5320 (Av)		98.09	-	-
		5350 (Pk)		65.86	74*	-8.14
		5350 (Av)		44.84	54*	-9.16
		10640 (Pk)		53.60	68.23	-14.63
		10640 (Av)		40.39	54	-13.61
		15960 (Pk)		54.86	68.23	-13.37
		15960 (Av)		42.07	54	-11.93
UNII 2c	5500	5500 (Pk)	Vertical	96.20	-	-
		5500 (Av)		86.58	-	-
		5460 (Pk)		45.48	74*	-28.52
		5460 (Av)		32.64	54*	-21.36
		11000 (Pk)		53.78	68.23	-14.45
		11000 (Av)		41.31	54	-12.69
		16500 (Pk)		56.22	68.23	-12.01
		16500 (Av)		43.81	54	-10.19
		5500 (Pk)	Horizontal	104.89	-	-
		5500 (Av)		94.89	-	-
		5460 (Pk)		49.29	74*	-24.71
		5460 (Av)		37.43	54*	-16.57
		11000 (Pk)		53.67	68.23	-14.56
		11000 (Av)		41.31	54	-12.69
		16500 (Pk)		56.35	68.23	-11.88
		16500 (Av)		43.78	54	-10.22
	5600	5600 (Pk)	Vertical	95.70	-	-
		5600 (Av)		86.21	-	-
		5460 (Pk)		42.43	74*	-31.57
		5460 (Av)		30.00	54*	-24.00
		11200 (Pk)		54.01	68.23	-14.22
		11200 (Av)		41.16	54	-12.84
		16800 (Pk)		56.57	68.23	-11.66
		16800 (Av)		44.08	54	-9.92
		5600 (Pk)	Horizontal	104.16	-	-
		5600 (Av)		94.28	-	-
		5460 (Pk)		44.37	74*	-29.63
		5460 (Av)		31.66	54*	-22.34
		11200 (Pk)		53.27	68.23	-14.96
		11200 (Av)		41.18	54	-12.82
		16800 (Pk)		56.86	68.23	-11.37
		16800 (Av)		44.07	54	-9.93

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5700	Vertical	5700 (Pk)	95.87	-	-
		5700 (Av)	85.60	-	-
		5460 (Pk)	42.53	74*	-31.47
		5460 (Av)	29.82	54*	-24.18
		11400 (Pk)	54.10	68.23	-14.13
		11400 (Av)	41.99	54	-12.01
		17100 (Pk)	56.41	68.23	-11.82
		17100 (Av)	44.68	54	-9.32
	Horizontal	5700 (Pk)	103.57	-	-
		5700 (Av)	94.03	-	-
		5460 (Pk)	43.25	74*	-30.75
		5460 (Av)	30.75	54*	-23.25
		11400 (Pk)	54.10	68.23	-14.13
		11400 (Av)	41.99	54	-12.01
		17100 (Pk)	56.41	68.23	-11.82
		17100 (Av)	44.68	54	-9.32
UNII 3	Vertical	5745 (Pk)	101.85	-	-
		5745 (Av)	92.52	-	-
		5715(Pk)	61.97	78.2*	-16.23
		5725(Pk)	71.02	78.2*	-7.18
		11490 (Pk)	57.01	68.23	-11.22
		11490 (Av)	43.67	54	-10.33
		17235 (Pk)	56.94	68.23	-11.29
		17235 (Av)	44.32	54	-9.68
	Horizontal	5745 (Pk)	109.52	-	-
		5745 (Av)	99.03	-	-
		5715(Pk)	68.25	78.2*	-9.95
		5725(Pk)	75.55	78.2*	-2.65
		11490 (Pk)	66.56	68.23	-1.67
		11490 (Av)	51.82	54	-2.18
		17235 (Pk)	56.26	68.23	-11.97
		17235 (Av)	44.28	54	-9.72
	Vertical	5825 (Pk)	104.13	-	-
		5825 (Av)	93.92	-	-
		5850 (Pk)	64.59	78.2*	-13.61
		5860 (Pk)	55.82	78.2*	-22.38
		11650 (Pk)	54.77	68.23	-13.46
		11650 (Av)	42.51	54	-11.49
		17475 (Pk)	58.56	68.23	-9.67
		17475 (Av)	46.32	54	-7.68
	Horizontal	5825 (Pk)	110.77	-	-
		5825 (Av)	100.99	-	-
		5850 (Pk)	73.83	78.2*	-4.37
		5860 (Pk)	65.02	78.2*	-13.18
		11650 (Pk)	61.30	68.23	-6.93
		11650 (Av)	47.20	54	-6.80
		17475 (Pk)	58.24	68.23	-9.99
		17475 (Pk)	46.39	54	-7.61

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Data rate: MCS7

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	96.96	-	-
		5180 (Av)		83.37	-	-
		5150 (Pk)		46.25	74*	-27.75
		5150 (Av)		33.41	54*	-20.59
		10360 (Pk)		52.23	68.23	-16.00
		10360 (Av)		39.50	54	-14.50
		15540 (Pk)		54.06	68.23	-14.17
		15540 (Av)		41.90	54	-12.10
		5180 (Pk)	Horizontal	105.73	-	-
		5180 (Av)		92.01	-	-
		5150 (Pk)		54.54	74*	-19.46
		5150 (Av)		38.39	54*	-15.61
		10360 (Pk)		51.99	68.23	-16.24
		10360 (Av)		39.59	54	-14.41
		15540 (Pk)		54.01	68.23	-14.22
		15540 (Av)		41.96	54	-12.04
	5240	5240 (Pk)	Vertical	96.43	-	-
		5240 (Av)		82.45	-	-
		5350 (Pk)		43.04	74*	-30.96
		5350 (Av)		31.26	54*	-22.74
		10480 (Pk)		52.69	68.23	-15.54
		10480 (Av)		40.48	54	-13.52
		15720 (Pk)		54.12	68.23	-14.11
		15720 (Av)		41.61	54	-12.39
		5240 (Pk)	Horizontal	104.85	-	-
		5240 (Av)		91.24	-	-
		5350 (Pk)		47.21	74*	-26.79
		5350 (Av)		34.03	54*	-19.97
		10480 (Pk)		52.59	68.23	-15.64
		10480 (Av)		40.49	54	-13.51
		15720 (Pk)		53.87	68.23	-14.36
		15720 (Av)		41.64	54	-12.36

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UNII 2a	5320	5320 (Pk)	Vertical	99.69	-	-
		5320 (Av)		85.51	-	-
		5350 (Pk)		52.25	74*	-21.75
		5350 (Av)		35.22	54*	-18.78
		10640 (Pk)		53.36	68.23	-14.87
		10640 (Av)		40.42	54	-13.58
		15960 (Pk)		55.11	68.23	-13.12
		15960 (Av)		42.17	54	-11.83
		5320 (Pk)	Horizontal	107.86	-	-
		5320 (Av)		94.20	-	-
		5350 (Pk)		61.03	74*	-12.97
		5350 (Av)		41.12	54*	-12.88
		10640 (Pk)		53.19	68.23	-15.04
		10640 (Av)		40.37	54	-13.63
		15960 (Pk)		54.26	68.23	-13.97
		15960 (Av)		42.06	54	-11.94
UNII 2c	5500	5500 (Pk)	Vertical	93.41	-	-
		5500 (Av)		80.04	-	-
		5460 (Pk)		43.93	74*	-30.07
		5460 (Av)		31.03	54*	-22.97
		11000 (Pk)		53.99	68.23	-14.24
		11000 (Av)		41.32	54	-12.68
		16500 (Pk)		56.03	68.23	-12.20
		16500 (Av)		43.76	54	-10.24
		5500 (Pk)	Horizontal	101.99	-	-
		5500 (Av)		88.57	-	-
		5460 (Pk)		48.56	74*	-25.44
		5460 (Av)		35.62	54*	-18.38
		11000 (Pk)		53.60	68.23	-14.63
		11000 (Av)		41.33	54	-12.67
		16500 (Pk)		56.27	68.23	-11.96
		16500 (Av)		43.74	54	-10.26
	5600	5600 (Pk)	Vertical	92.62	-	-
		5600 (Av)		79.05	-	-
		5460 (Pk)		42.66	74*	-31.34
		5460 (Av)		30.04	54*	-23.96
		11200 (Pk)		53.85	68.23	-14.38
		11200 (Av)		41.15	54	-12.85
		16800 (Pk)		56.25	68.23	-11.98
		16800 (Av)		44.09	54	-9.91
		5600 (Pk)	Horizontal	93.05	-	-
		5600 (Av)		79.39	-	-
		5460 (Pk)		43.18	74*	-30.82
		5460 (Av)		30.02	54*	-23.98
		11200 (Pk)		53.68	68.23	-14.55
		11200 (Av)		41.10	54	-12.90
		16800 (Pk)		56.21	68.23	-12.02
		16800 (Av)		44.09	54	-9.91

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5700	5700	5700 (Pk)	Vertical	95.87	-	-
		5700 (Av)		85.60	-	-
		5460 (Pk)		42.53	74*	-31.47
		5460 (Av)		29.82	54*	-24.18
		11400 (Pk)		54.29	68.23	-13.94
		11400 (Av)		41.95	54	-12.05
		17100 (Pk)		56.21	68.23	-12.02
		17100 (Av)		44.66	54	-9.34
		5700 (Pk)	Horizontal	101.19	-	-
		5700 (Av)		87.70	-	-
		5460 (Pk)		43.32	74*	-30.68
		5460 (Av)		30.51	54*	-23.49
		11400 (Pk)		54.27	68.23	-13.96
		11400 (Av)		41.98	54	-12.02
		17100 (Pk)		57.81	68.23	-10.42
		17100 (Av)		44.68	54	-9.32
UNII 3	5745	5745 (Pk)	Vertical	99.19	-	-
		5745 (Av)		85.76	-	-
		5715(Pk)		57.47	78.2*	-20.73
		5725(Pk)		65.69	78.2*	-12.51
		11490 (Pk)		55.70	68.23	-12.53
		11490 (Av)		43.25	54	-10.75
		17235 (Pk)		57.28	68.23	-10.95
		17235 (Av)		45.08	54	-8.92
		5745 (Pk)	Horizontal	109.58	-	-
		5745 (Av)		95.35	-	-
		5715(Pk)		68.30	78.2*	-9.90
		5725(Pk)		76.25	78.2*	-1.95
		11490 (Pk)		57.86	68.23	-10.37
		11490 (Av)		44.10	54	-9.90
		17235 (Pk)		57.07	68.23	-11.16
		17235 (Av)		45.07	54	-8.93
	5825	5825 (Pk)	Vertical	101.76	-	-
		5825 (Av)		88.21	-	-
		5850 (Pk)		59.14	78.2*	-19.06
		5860 (Pk)		48.31	78.2*	-29.89
		11650 (Pk)		53.88	68.23	-14.35
		11650 (Av)		42.16	54	-11.84
		17475 (Pk)		59.43	68.23	-8.80
		17475 (Av)		47.34	54	-6.66
		5825 (Pk)	Horizontal	108.88	-	-
		5825 (Av)		95.83	-	-
		5850 (Pk)		69.53	78.2*	-8.67
		5860 (Pk)		58.50	78.2*	-19.70
		11650 (Pk)		58.19	68.23	-10.04
		11650 (Av)		44.43	54	-9.57
		17475 (Pk)		60.16	68.23	-8.07
		17475 (Pk)		47.29	54	-6.71

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Modulation: 802.11ac-VHT20

Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	100.76	-	-
		5180 (Av)		90.93	-	-
		5150 (Pk)		57.86	74*	-16.14
		5150 (Av)		36.10	54*	-17.90
		10360 (Pk)		51.93	68.23	-16.30
		10360 (Av)		39.27	54	-14.73
		15540 (Pk)		53.76	68.23	-14.47
		15540 (Av)		41.54	54	-12.46
		5180 (Pk)	Horizontal	108.00	-	-
		5180 (Av)		98.86	-	-
		5150 (Pk)		67.59	74*	-6.41
		5150 (Av)		42.92	54*	-11.08
		10360 (Pk)		51.09	68.23	-17.14
		10360 (Av)		39.20	54	-14.80
		15540 (Pk)		53.18	68.23	-15.05
		15540 (Av)		51.58	54	-2.42
	5240	5240 (Pk)	Vertical	98.04	-	-
		5240 (Av)		89.07	-	-
		5350 (Pk)		43.35	74*	-30.65
		5350 (Av)		31.01	54*	-22.99
		10480 (Pk)		52.95	68.23	-15.28
		10480 (Av)		40.28	54	-13.72
		15720 (Pk)		52.99	68.23	-15.24
		15720 (Av)		41.39	54	-12.61
		5240 (Pk)	Horizontal	105.61	-	-
		5240 (Av)		96.36	-	-
		5350 (Pk)		46.22	74*	-27.78
		5350 (Av)		34.85	54*	-19.15
		10480 (Pk)		52.22	68.23	-16.01
		10480 (Av)		40.26	54	-13.74
		15720 (Pk)		53.34	68.23	-14.89
		15720 (Av)		41.40	54	-12.60

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UNII 2a	5320	5320 (Pk)	Vertical	101.34	-	-
		5320 (Av)		92.00	-	-
		5350 (Pk)		58.78	74*	-15.22
		5350 (Av)		38.89	54*	-15.11
		10640 (Pk)		52.33	68.23	-15.90
		10640 (Av)		40.35	54	-13.65
		15960 (Pk)		54.90	68.23	-13.33
		15960 (Av)		42.02	54	-11.98
		5320 (Pk)	Horizontal	107.95	-	-
		5320 (Av)		99.06	-	-
		5350 (Pk)		67.18	74*	-6.82
		5350 (Av)		45.95	54*	-8.05
		10640 (Pk)		52.29	68.23	-15.94
		10640 (Av)		40.31	54	-13.69
		15960 (Pk)		54.13	68.23	-14.10
		15960 (Av)		41.97	54	-12.03
UNII 2c	5500	5500 (Pk)	Vertical	91.03	-	-
		5500 (Av)		77.36	-	-
		5460 (Pk)		44.59	74*	-29.41
		5460 (Av)		30.87	54*	-23.13
		11000 (Pk)		54.00	68.23	-14.23
		11000 (Av)		41.41	54	-12.59
		16500 (Pk)		56.03	68.23	-12.20
		16500 (Av)		43.81	54	-10.19
		5500 (Pk)	Horizontal	102.19	-	-
		5500 (Av)		88.49	-	-
		5460 (Pk)		48.72	74*	-25.28
		5460 (Av)		35.76	54*	-18.24
		11000 (Pk)		53.31	68.23	-14.92
		11000 (Av)		41.42	54	-12.58
		16500 (Pk)		56.21	68.23	-12.02
		16500 (Av)		43.83	54	-10.17
	5600	5600 (Pk)	Vertical	96.88	-	-
		5600 (Av)		87.62	-	-
		5460 (Pk)		42.92	74*	-31.08
		5460 (Av)		30.42	54*	-23.58
		11200 (Pk)		53.23	68.23	-15.00
		11200 (Av)		41.18	54	-12.82
		16800 (Pk)		55.78	68.23	-12.45
		16800 (Av)		44.16	54	-9.84
		5600 (Pk)	Horizontal	104.61	-	-
		5600 (Av)		95.20	-	-
		5460 (Pk)		43.94	74*	-30.06
		5460 (Av)		32.27	54*	-21.73
		11200 (Pk)		52.69	68.23	-15.54
		11200 (Av)		41.23	54	-12.77
		16800 (Pk)		56.72	68.23	-11.51
		16800 (Av)		44.10	54	-9.90

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	5700	5700 (Pk)	Vertical	96.40	-	-
		5700 (Av)		87.12	-	-
		5460 (Pk)		43.17	74*	-30.83
		5460 (Av)		30.17	54*	-23.83
		11400 (Pk)		57.19	68.23	-11.04
		11400 (Av)		42.03	54	-11.97
		17100 (Pk)		57.43	68.23	-10.80
		17100 (Av)		44.79	54	-9.21
		5700 (Pk)	Horizontal	104.10	-	-
		5700 (Av)		95.17	-	-
		5460 (Pk)		43.39	74*	-30.61
		5460 (Av)		31.28	54*	-22.72
		11400 (Pk)		54.22	68.23	-14.01
		11400 (Av)		42.11	54	-11.89
		17100 (Pk)		56.45	68.23	-11.78
		17100 (Av)		44.80	54	-9.20
UNII 3	5745	5745 (Pk)	Vertical	101.41	-	-
		5745 (Av)		91.75	-	-
		5715(Pk)		66.59	78.2*	-11.61
		5725(Pk)		57.39	78.2*	-20.81
		11490 (Pk)		56.18	68.23	-12.05
		11490 (Av)		43.06	54	-10.94
		17235 (Pk)		58.46	68.23	-9.77
		17235 (Av)		45.22	54	-8.78
		5745 (Pk)	Horizontal	108.63	-	-
		5745 (Av)		99.47	-	-
		5715(Pk)		75.91	78.2*	-2.29
		5725(Pk)		67.51	78.2*	-10.69
		11490 (Pk)		57.62	68.23	-10.61
		11490 (Av)		44.38	54	-9.62
		17235 (Pk)		57.76	68.23	-10.47
		17235 (Av)		45.22	54	-8.78
	5825	5825 (Pk)	Vertical	101.65	-	-
		5825 (Av)		92.35	-	-
		5850 (Pk)		60.76	78.2*	-17.44
		5860 (Pk)		52.21	78.2*	-25.99
		11650 (Pk)		54.49	68.23	-13.74
		11650 (Av)		42.44	54	-11.56
		17475 (Pk)		59.91	68.23	-8.32
		17475 (Av)		47.41	54	-6.59
		5825 (Pk)	Horizontal	109.23	-	-
		5825 (Av)		99.49	-	-
		5850 (Pk)		70.59	78.2*	-7.61
		5860 (Pk)		60.40	78.2*	-17.80
		11650 (Pk)		65.35	68.23	-2.88
		11650 (Av)		50.57	54	-3.43
		17475 (Pk)		59.59	68.23	-8.64
		17475 (Pk)		47.42	54	-6.58

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Modulation: 802.11ac-VHT20
Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	100.76	-	-
		5180 (Av)		90.93	-	-
		5150 (Pk)		57.86	74*	-16.14
		5150 (Av)		36.10	54*	-17.90
		10360 (Pk)		51.93	68.23	-16.30
		10360 (Av)		39.27	54	-14.73
		15540 (Pk)		53.76	68.23	-14.47
		15540 (Av)		41.54	54	-12.46
		5180 (Pk)	Horizontal	108.00	-	-
		5180 (Av)		98.86	-	-
		5150 (Pk)		67.59	74*	-6.41
		5150 (Av)		42.92	54*	-11.08
		10360 (Pk)		51.09	68.23	-17.14
		10360 (Av)		39.20	54	-14.80
		15540 (Pk)		53.18	68.23	-15.05
		15540 (Av)		51.58	54	-2.42
	5240	5240 (Pk)	Vertical	98.04	-	-
		5240 (Av)		89.07	-	-
		5350 (Pk)		43.35	74*	-30.65
		5350 (Av)		31.01	54*	-22.99
		10480 (Pk)		52.95	68.23	-15.28
		10480 (Av)		40.28	54	-13.72
		15720 (Pk)		52.99	68.23	-15.24
		15720 (Av)		41.39	54	-12.61
		5240 (Pk)	Horizontal	105.61	-	-
		5240 (Av)		96.36	-	-
		5350 (Pk)		46.22	74*	-27.78
		5350 (Av)		34.85	54*	-19.15
		10480 (Pk)		52.22	68.23	-16.01
		10480 (Av)		40.26	54	-13.74
		15720 (Pk)		53.34	68.23	-14.89
		15720 (Av)		41.40	54	-12.60

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UNII 2a	5320	5320 (Pk)	Vertical	101.34	-	-
		5320 (Av)		92.00	-	-
		5350 (Pk)		58.78	74*	-15.22
		5350 (Av)		38.89	54*	-15.11
		10640 (Pk)		52.33	68.23	-15.90
		10640 (Av)		40.35	54	-13.65
		15960 (Pk)		54.90	68.23	-13.33
		15960 (Av)		42.02	54	-11.98
		5320 (Pk)	Horizontal	107.95	-	-
		5320 (Av)		99.06	-	-
		5350 (Pk)		67.18	74*	-6.82
		5350 (Av)		45.95	54*	-8.05
		10640 (Pk)		52.29	68.23	-15.94
		10640 (Av)		40.31	54	-13.69
		15960 (Pk)		54.13	68.23	-14.10
		15960 (Av)		41.97	54	-12.03
UNII 2c	5500	5500 (Pk)	Vertical	91.03	-	-
		5500 (Av)		77.36	-	-
		5460 (Pk)		44.59	74*	-29.41
		5460 (Av)		30.87	54*	-23.13
		11000 (Pk)		54.00	68.23	-14.23
		11000 (Av)		41.41	54	-12.59
		16500 (Pk)		56.03	68.23	-12.20
		16500 (Av)		43.81	54	-10.19
		5500 (Pk)	Horizontal	102.19	-	-
		5500 (Av)		88.49	-	-
		5460 (Pk)		48.72	74*	-25.28
		5460 (Av)		35.76	54*	-18.24
		11000 (Pk)		53.31	68.23	-14.92
		11000 (Av)		41.42	54	-12.58
		16500 (Pk)		56.21	68.23	-12.02
		16500 (Av)		43.83	54	-10.17
	5600	5600 (Pk)	Vertical	96.88	-	-
		5600 (Av)		87.62	-	-
		5460 (Pk)		42.92	74*	-31.08
		5460 (Av)		30.42	54*	-23.58
		11200 (Pk)		53.23	68.23	-15.00
		11200 (Av)		41.18	54	-12.82
		16800 (Pk)		55.78	68.23	-12.45
		16800 (Av)		44.16	54	-9.84
		5600 (Pk)	Horizontal	104.61	-	-
		5600 (Av)		95.20	-	-
		5460 (Pk)		43.94	74*	-30.06
		5460 (Av)		32.27	54*	-21.73
		11200 (Pk)		52.69	68.23	-15.54
		11200 (Av)		41.23	54	-12.77
		16800 (Pk)		56.72	68.23	-11.51
		16800 (Av)		44.10	54	-9.90

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	5700	5700 (Pk)	Vertical	96.40	-	-
		5700 (Av)		87.12	-	-
		5460 (Pk)		43.17	74*	-30.83
		5460 (Av)		30.17	54*	-23.83
		11400 (Pk)		57.19	68.23	-11.04
		11400 (Av)		42.03	54	-11.97
		17100 (Pk)		57.43	68.23	-10.80
		17100 (Av)		44.79	54	-9.21
		5700 (Pk)	Horizontal	104.10	-	-
		5700 (Av)		95.17	-	-
		5460 (Pk)		43.39	74*	-30.61
		5460 (Av)		31.28	54*	-22.72
		11400 (Pk)		54.22	68.23	-14.01
		11400 (Av)		42.11	54	-11.89
		17100 (Pk)		56.45	68.23	-11.78
		17100 (Av)		44.80	54	-9.20
UNII 3	5745	5745 (Pk)	Vertical	101.41	-	-
		5745 (Av)		91.75	-	-
		5715(Pk)		66.59	78.2*	-11.61
		5725(Pk)		57.39	78.2*	-20.81
		11490 (Pk)		56.18	68.23	-12.05
		11490 (Av)		43.06	54	-10.94
		17235 (Pk)		58.46	68.23	-9.77
		17235 (Av)		45.22	54	-8.78
		5745 (Pk)	Horizontal	108.63	-	-
		5745 (Av)		99.47	-	-
		5715(Pk)		75.91	78.2*	-2.29
		5725(Pk)		67.51	78.2*	-10.69
		11490 (Pk)		57.62	68.23	-10.61
		11490 (Av)		44.38	54	-9.62
		17235 (Pk)		57.76	68.23	-10.47
		17235 (Av)		45.22	54	-8.78
	5825	5825 (Pk)	Vertical	101.65	-	-
		5825 (Av)		92.35	-	-
		5850 (Pk)		60.76	78.2*	-17.44
		5860 (Pk)		52.21	78.2*	-25.99
		11650 (Pk)		54.49	68.23	-13.74
		11650 (Av)		42.44	54	-11.56
		17475 (Pk)		59.91	68.23	-8.32
		17475 (Av)		47.41	54	-6.59
		5825 (Pk)	Horizontal	109.23	-	-
		5825 (Av)		99.49	-	-
		5850 (Pk)		70.59	78.2*	-7.61
		5860 (Pk)		60.40	78.2*	-17.80
		11650 (Pk)		65.35	68.23	-2.88
		11650 (Av)		50.57	54	-3.43
		17475 (Pk)		59.59	68.23	-8.64
		17475 (Pk)		47.42	54	-6.58

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Modulation: 802.11ac-VHT20
Data rate: MCS8

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	95.58	-	-
		5180 (Av)		84.49	-	-
		5150 (Pk)		46.23	74*	-27.77
		5150 (Av)		32.75	54*	-21.25
		10360 (Pk)		52.54	68.23	-15.69
		10360 (Av)		39.71	54	-14.29
		15540 (Pk)		54.49	68.23	-13.74
		15540 (Av)		42.10	54	-11.90
		5180 (Pk)	Horizontal	102.04	-	-
		5180 (Av)		91.10	-	-
		5150 (Pk)		51.91	74*	-22.09
		5150 (Av)		37.65	54*	-16.35
		10360 (Pk)		52.24	68.23	-15.99
		10360 (Av)		39.72	54	-14.28
		15540 (Pk)		53.93	68.23	-14.30
		15540 (Av)		42.10	54	-11.90
	5240	5240 (Pk)	Vertical	93.97	-	-
		5240 (Av)		83.14	-	-
		5350 (Pk)		42.87	74*	-31.13
		5350 (Av)		30.35	54*	-23.65
		10480 (Pk)		53.41	68.23	-14.82
		10480 (Av)		40.60	54	-13.40
		15720 (Pk)		53.99	68.23	-14.24
		15720 (Av)		41.88	54	-12.12
		5240 (Pk)	Horizontal	102.02	-	-
		5240 (Av)		91.20	-	-
		5350 (Pk)		44.99	74*	-29.01
		5350 (Av)		33.41	54*	-20.59
		10480 (Pk)		52.69	68.23	-15.54
		10480 (Av)		40.63	54	-13.37
		15720 (Pk)		53.94	68.23	-14.29
		15720 (Av)		41.93	54	-12.07

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UNII 2a	5320	5320 (Pk)	Vertical	100.32	-	-
		5320 (Av)		89.72	-	-
		5350 (Pk)		57.44	74*	-16.56
		5350 (Av)		38.48	54*	-15.52
		10640 (Pk)		52.56	68.23	-15.67
		10640 (Av)		40.59	54	-13.41
		15960 (Pk)		54.13	68.23	-14.10
		15960 (Av)		42.29	54	-11.71
		5320 (Pk)	Horizontal	108.03	-	-
		5320 (Av)		97.21	-	-
		5350 (Pk)		64.08	74*	-9.92
		5350 (Av)		44.57	54*	-9.43
		10640 (Pk)		52.37	68.23	-15.86
		10640 (Av)		40.60	54	-13.40
		15960 (Pk)		54.51	68.23	-13.72
		15960 (Av)		42.26	54	-11.74
UNII 2c	5500	5500 (Pk)	Vertical	92.08	-	-
		5500 (Av)		81.20	-	-
		5460 (Pk)		43.55	74*	-30.45
		5460 (Av)		31.29	54*	-22.71
		11000 (Pk)		53.55	68.23	-14.68
		11000 (Av)		41.59	54	-12.41
		16500 (Pk)		55.82	68.23	-12.41
		16500 (Av)		44.00	54	-10.00
		5500 (Pk)	Horizontal	98.90	-	-
		5500 (Av)		88.71	-	-
		5460 (Pk)		46.92	74*	-27.08
		5460 (Av)		34.14	54*	-19.86
		11000 (Pk)		53.65	68.23	-14.58
		11000 (Av)		41.57	54	-12.43
		16500 (Pk)		56.30	68.23	-11.93
		16500 (Av)		44.05	54	-9.95
	5600	5600 (Pk)	Vertical	50.56	-	-
		5600 (Av)		80.58	-	-
		5460 (Pk)		43.07	74*	-30.93
		5460 (Av)		30.24	54*	-23.76
		11200 (Pk)		53.65	68.23	-14.58
		11200 (Av)		41.37	54	-12.63
		16800 (Pk)		56.13	68.23	-12.10
		16800 (Av)		44.26	54	-9.74
		5600 (Pk)	Horizontal	99.91	-	-
		5600 (Av)		89.42	-	-
		5460 (Pk)		43.53	74*	-30.47
		5460 (Av)		31.36	54*	-22.64
		11200 (Pk)		52.92	68.23	-15.31
		11200 (Av)		41.33	54	-12.67
		16800 (Pk)		55.36	68.23	-12.87
		16800 (Av)		44.25	54	-9.75

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	5700	5700 (Pk)	Vertical	92.30	-	-
		5700 (Av)		81.06	-	-
		5460 (Pk)		43.11	74*	-30.89
		5460 (Av)		30.21	54*	-23.79
		11400 (Pk)		53.75	68.23	-14.48
		11400 (Av)		42.12	54	-11.88
		17100 (Pk)		57.80	68.23	-10.43
		17100 (Av)		44.90	54	-9.10
		5700 (Pk)	Horizontal	100.03	-	-
		5700 (Av)		88.84	-	-
		5460 (Pk)		42.70	74*	-31.30
		5460 (Av)		30.87	54*	-23.13
		11400 (Pk)		54.12	68.23	-14.11
		11400 (Av)		42.14	54	-11.86
		17100 (Pk)		56.49	68.23	-11.74
		17100 (Av)		44.93	54	-9.07
UNII 3	5745	5745 (Pk)	Vertical	100.09	-	-
		5745 (Av)		89.74	-	-
		5715(Pk)		54.70	78.2*	-23.50
		5725(Pk)		65.40	78.2*	-12.80
		11490 (Pk)		56.65	68.23	-11.58
		11490 (Av)		43.02	54	-10.98
		17235 (Pk)		57.68	68.23	-10.55
		17235 (Av)		45.38	54	-8.62
		5745 (Pk)	Horizontal	107.85	-	-
		5745 (Av)		97.03	-	-
		5715(Pk)		65.20	78.2*	-13.00
		5725(Pk)		75.42	78.2*	-2.78
		11490 (Pk)		60.24	68.23	-7.99
		11490 (Av)		46.86	54	-7.14
		17235 (Pk)		57.90	68.23	-10.33
		17235 (Av)		45.40	54	-8.60
	5825	5825 (Pk)	Vertical	101.07	-	-
		5825 (Av)		90.06	-	-
		5850 (Pk)		60.38	78.2*	-17.82
		5860 (Pk)		35.93	78.2*	-42.27
		11650 (Pk)		54.22	68.23	-14.01
		11650 (Av)		41.88	54	-12.12
		17475 (Pk)		59.47	68.23	-8.76
		17475 (Av)		46.93	54	-7.07
		5825 (Pk)	Horizontal	108.32	-	-
		5825 (Av)		97.57	-	-
		5850 (Pk)		69.22	78.2*	-8.98
		5860 (Pk)		60.04	78.2*	-18.16
		11650 (Pk)		56.66	68.23	-11.57
		11650 (Av)		43.36	54	-10.64
		17475 (Pk)		58.92	68.23	-9.31
		17475 (Pk)		46.98	54	-7.02

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Modulation: 802.11ax-HE20
Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	98.08	-	-
		5180 (Av)		85.83	-	-
		5150 (Pk)		52.25	74*	-21.75
		5150 (Av)		33.27	54*	-20.73
		10360 (Pk)		52.14	68.23	-16.09
		10360 (Av)		39.43	54	-14.57
		15540 (Pk)		53.66	68.23	-14.57
		15540 (Av)		41.28	54	-12.72
		5180 (Pk)	Horizontal	109.80	-	-
		5180 (Av)		97.95	-	-
		5150 (Pk)		60.08	74*	-13.92
		5150 (Av)		42.37	54*	-11.63
		10360 (Pk)		50.86	68.23	-17.37
		10360 (Av)		39.38	54	-14.62
		15540 (Pk)		53.01	68.23	-15.22
		15540 (Av)		41.30	54	-12.70
	5240	5240 (Pk)	Vertical	98.96	-	-
		5240 (Av)		86.52	-	-
		5350 (Pk)		43.33	74*	-30.67
		5350 (Av)		31.71	54*	-22.29
		10480 (Pk)		51.91	68.23	-16.32
		10480 (Av)		40.32	54	-13.68
		15720 (Pk)		52.99	68.23	-15.24
		15720 (Av)		41.64	54	-12.36
		5240 (Pk)	Horizontal	109.49	-	-
		5240 (Av)		96.62	-	-
		5350 (Pk)		50.42	74*	-23.58
		5350 (Av)		36.87	54*	-17.13
		10480 (Pk)		51.89	68.23	-16.34
		10480 (Av)		40.38	54	-13.62
		15720 (Pk)		53.22	68.23	-15.01
		15720 (Av)		41.68	54	-12.32

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UNII 2a	5320	5320 (Pk)	Vertical	98.88	-	-
		5320 (Av)		86.55	-	-
		5350 (Pk)		55.62	74*	-18.38
		5350 (Av)		34.80	54*	-19.20
		10640 (Pk)		52.04	68.23	-16.19
		10640 (Av)		40.27	54	-13.73
		15960 (Pk)		53.90	68.23	-14.33
		15960 (Av)		41.93	54	-12.07
		5320 (Pk)	Horizontal	111.67	-	-
		5320 (Av)		99.76	-	-
		5350 (Pk)		67.06	74*	-6.94
		5350 (Av)		46.00	54*	-8.00
		10640 (Pk)		51.82	68.23	-16.41
		10640 (Av)		40.24	54	-13.76
		15960 (Pk)		53.37	68.23	-14.86
		15960 (Av)		41.84	54	-12.16
UNII 2c	5500	5500 (Pk)	Vertical	96.97	-	-
		5500 (Av)		84.70	-	-
		5460 (Pk)		43.42	74*	-30.58
		5460 (Av)		31.33	54*	-22.67
		11000 (Pk)		53.64	68.23	-14.59
		11000 (Av)		41.31	54	-12.69
		16500 (Pk)		55.50	68.23	-12.73
		16500 (Av)		43.91	54	-10.09
		5500 (Pk)	Horizontal	108.73	-	-
		5500 (Av)		96.76	-	-
		5460 (Pk)		51.76	74*	-22.24
		5460 (Av)		40.00	54*	-14.00
		11000 (Pk)		52.76	68.23	-15.47
		11000 (Av)		41.37	54	-12.63
		16500 (Pk)		55.61	68.23	-12.62
		16500 (Av)		43.87	54	-10.13
	5600	5600 (Pk)	Vertical	97.61	-	-
		5600 (Av)		85.72	-	-
		5460 (Pk)		43.24	74*	-30.76
		5460 (Av)		30.09	54*	-23.91
		11200 (Pk)		53.71	68.23	-14.52
		11200 (Av)		41.14	54	-12.86
		16800 (Pk)		55.23	68.23	-13.00
		16800 (Av)		44.17	54	-9.83
		5600 (Pk)	Horizontal	108.23	-	-
		5600 (Av)		96.49	-	-
		5460 (Pk)		44.50	74*	-29.50
		5460 (Av)		33.23	54*	-20.77
		11200 (Pk)		52.60	68.23	-15.63
		11200 (Av)		41.15	54	-12.85
		16800 (Pk)		55.44	68.23	-12.79
		16800 (Av)		44.10	54	-9.90

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	5700	5700 (Pk)	Vertical	94.37	-	-
		5700 (Av)		82.36	-	-
		5460 (Pk)		42.86	74*	-31.14
		5460 (Av)		29.80	54*	-24.20
		11400 (Pk)		53.10	68.23	-15.13
		11400 (Av)		41.98	54	-12.02
		17100 (Pk)		56.58	68.23	-11.65
		17100 (Av)		44.73	54	-9.27
		5700 (Pk)	Horizontal	106.80	-	-
		5700 (Av)		94.87	-	-
		5460 (Pk)		43.06	74*	-30.94
		5460 (Av)		31.03	54*	-22.97
		11400 (Pk)		53.24	68.23	-14.99
		11400 (Av)		41.98	54	-12.02
		17100 (Pk)		57.17	68.23	-11.06
		17100 (Av)		44.78	54	-9.22
UNII 3	5745	5745 (Pk)	Vertical	101.89	-	-
		5745 (Av)		88.96	-	-
		5715(Pk)		67.67	78.2*	-10.53
		5725(Pk)		57.89	78.2*	-20.31
		11490 (Pk)		55.43	68.23	-12.80
		11490 (Av)		42.99	54	-11.01
		17235 (Pk)		56.25	68.23	-11.98
		17235 (Av)		45.02	54	-8.98
		5745 (Pk)	Horizontal	111.50	-	-
		5745 (Av)		99.32	-	-
		5715(Pk)		65.01	78.2*	-13.19
		5725(Pk)		55.56	78.2*	-22.64
		11490 (Pk)		55.14	68.23	-13.09
		11490 (Av)		42.92	54	-11.08
		17235 (Pk)		56.51	68.23	-11.72
		17235 (Av)		44.95	54	-9.05
	5825	5825 (Pk)	Vertical	104.13	-	-
		5825 (Av)		91.17	-	-
		5850 (Pk)		61.74	78.2*	-16.46
		5860 (Pk)		54.44	78.2*	-23.76
		11650 (Pk)		54.02	68.23	-14.21
		11650 (Av)		41.87	54	-12.13
		17475 (Pk)		58.80	68.23	-9.43
		17475 (Av)		46.90	54	-7.10
		5825 (Pk)	Horizontal	111.75	-	-
		5825 (Av)		99.02	-	-
		5850 (Pk)		67.68	78.2*	-10.52
		5860 (Pk)		59.04	78.2*	-19.16
		11650 (Pk)		58.41	68.23	-9.82
		11650 (Av)		44.87	54	-9.13
		17475 (Pk)		59.19	68.23	-9.04
		17475 (Pk)		46.90	54	-7.10

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Modulation: 802.11ax-HE20
Data rate: MCS11

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5180	5180 (Pk)	Vertical	96.28	-	-
		5180 (Av)		83.48	-	-
		5150 (Pk)		45.38	74*	-28.62
		5150 (Av)		32.66	54*	-21.34
		10360 (Pk)		51.76	68.23	-16.47
		10360 (Av)		39.37	54	-14.63
		15540 (Pk)		53.87	68.23	-14.36
		15540 (Av)		42.01	54	-11.99
		5180 (Pk)	Horizontal	101.31	-	-
		5180 (Av)		88.25	-	-
		5150 (Pk)		50.60	74*	-23.40
		5150 (Av)		35.97	54*	-18.03
		10360 (Pk)		52.10	68.23	-16.13
		10360 (Av)		39.65	54	-14.35
		15540 (Pk)		53.10	68.23	-15.13
		15540 (Av)		41.92	54	-12.08
	5240	5240 (Pk)	Vertical	95.25	-	-
		5240 (Av)		82.31	-	-
		5350 (Pk)		43.08	74*	-30.92
		5350 (Av)		30.59	54*	-23.41
		10480 (Pk)		52.07	68.23	-16.16
		10480 (Av)		40.35	54	-13.65
		15720 (Pk)		54.05	68.23	-14.18
		15720 (Av)		41.71	54	-12.29
		5240 (Pk)	Horizontal	100.50	-	-
		5240 (Av)		87.41	-	-
		5350 (Pk)		44.01	74*	-29.99
		5350(Av)		31.85	54*	-22.15
		10480 (Pk)		52.71	68.23	-15.52
		10480 (Av)		40.41	54	-13.59
		15720 (Pk)		53.14	68.23	-15.09
		15720 (Av)		41.68	54	-12.32

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UNII 2a	5320	5320 (Pk)	Vertical	97.39	-	-
		5320 (Av)		84.00	-	-
		5350 (Pk)		49.07	74*	-24.93
		5350 (Av)		32.70	54*	-21.30
		10640 (Pk)		53.24	68.23	-14.99
		10640 (Av)		40.37	54	-13.63
		15960 (Pk)		53.94	68.23	-14.29
		15960 (Av)		41.91	54	-12.09
		5320 (Pk)	Horizontal	109.38	-	-
		5320 (Av)		96.59	-	-
		5350 (Pk)		60.86	74*	-13.14
		5350 (Av)		42.48	54*	-11.52
		10640 (Pk)		51.67	68.23	-16.56
		10640 (Av)		40.33	54	-13.67
		15960 (Pk)		54.26	68.23	-13.97
		15960 (Av)		41.85	54	-12.15
UNII 2c	5500	5500 (Pk)	Vertical	90.75	-	-
		5500 (Av)		77.39	-	-
		5460 (Pk)		42.45	74*	-31.55
		5460 (Av)		30.31	54*	-23.69
		11000 (Pk)		53.08	68.23	-15.15
		11000 (Av)		41.29	54	-12.71
		16500 (Pk)		55.54	68.23	-12.69
		16500 (Av)		43.93	54	-10.07
		5500 (Pk)	Horizontal	99.53	-	-
		5500 (Av)		87.19	-	-
		5460 (Pk)		45.59	74*	-28.41
		5460 (Av)		33.69	54*	-20.31
		11000 (Pk)		53.15	68.23	-15.08
		11000 (Av)		41.33	54	-12.67
		16500 (Pk)		55.79	68.23	-12.44
		16500 (Av)		43.99	54	-10.01
	5600	5600 (Pk)	Vertical	89.10	-	-
		5600 (Av)		76.60	-	-
		5460 (Pk)		42.84	74*	-31.16
		5460 (Av)		29.81	54*	-24.19
		11200 (Pk)		52.73	68.23	-15.50
		11200 (Av)		41.11	54	-12.89
		16800 (Pk)		55.58	68.23	-12.65
		16800 (Av)		44.11	54	-9.89
		5600 (Pk)	Horizontal	99.56	-	-
		5600 (Av)		86.24	-	-
		5460 (Pk)		42.88	74*	-31.12
		5460 (Av)		31.10	54*	-22.90
		11200 (Pk)		52.52	68.23	-15.71
		11200 (Av)		41.09	54	-12.91
		16800 (Pk)		55.58	68.23	-12.65
		16800 (Av)		44.13	54	-9.87

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5700	Vertical	5700 (Pk)	88.88	-	-
		5700 (Av)	76.24	-	-
		5460 (Pk)	42.77	74*	-31.23
		5460 (Av)	29.85	54*	-24.15
		11400 (Pk)	53.58	68.23	-14.65
		11400 (Av)	41.89	54	-12.11
		17100 (Pk)	57.08	68.23	-11.15
		17100 (Av)	44.72	54	-9.28
	Horizontal	5700 (Pk)	96.26	-	-
		5700 (Av)	83.52	-	-
		5460 (Pk)	42.73	74*	-31.27
		5460 (Av)	30.07	54*	-23.93
		11400 (Pk)	54.10	68.23	-14.13
		11400 (Av)	41.89	54	-12.11
		17100 (Pk)	56.26	68.23	-11.97
		17100 (Av)	44.70	54	-9.30
UNII 3	5745	5745 (Pk)	96.07	-	-
		5745 (Av)	82.95	-	-
		5715(Pk)	47.32	78.2*	-30.88
		5725(Pk)	58.10	78.2*	-20.10
		11490 (Pk)	54.83	68.23	-13.40
		11490 (Av)	42.95	54	-11.05
		17235 (Pk)	57.18	68.23	-11.05
		17235 (Av)	45.01	54	-8.99
	Horizontal	5745 (Pk)	103.48	-	-
		5745 (Av)	89.72	-	-
		5715(Pk)	51.03	78.2*	-27.17
		5725(Pk)	63.50	78.2*	-14.70
		11490 (Pk)	59.47	68.23	-8.76
		11490 (Av)	46.20	54	-7.80
		17235 (Pk)	56.40	68.23	-11.83
		17235 (Av)	44.98	54	-9.02
	5825	5825 (Pk)	95.77	-	-
		5825 (Av)	82.95	-	-
		5850 (Pk)	54.82	78.2*	-23.38
		5860 (Pk)	46.32	78.2*	-31.88
		11650 (Pk)	54.21	68.23	-14.02
		11650 (Av)	41.91	54	-12.09
		17475 (Pk)	59.21	68.23	-9.02
		17475 (Av)	46.98	54	-7.02
	Horizontal	5825 (Pk)	103.08	-	-
		5825 (Av)	89.41	-	-
		5850 (Pk)	58.65	78.2*	-19.55
		5860 (Pk)	51.90	78.2*	-26.30
		11650 (Pk)	59.38	68.23	-8.85
		11650 (Av)	45.74	54	-8.26
		17475 (Pk)	58.82	68.23	-9.41
		17475 (Pk)	46.87	54	-7.13

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Modulation: 802.11n-HT40

Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5190	5190 (Pk)	Vertical	94.15	-	-
		5190 (Av)		83.81	-	-
		5150 (Pk)		58.03	74*	-15.97
		5150 (Av)		38.20	54*	-15.80
		10380 (Pk)		51.78	68.23	-16.45
		10380 (Av)		39.76	54	-14.24
		15570 (Pk)		53.15	68.23	-15.08
		15570 (Av)		41.28	54	-12.72
		5190 (Pk)	Horizontal	102.82	-	-
		5190 (Av)		92.32	-	-
		5150 (Pk)		64.82	74*	-9.18
		5150 (Av)		44.84	54*	-9.16
		10380 (Pk)		50.96	68.23	-17.27
		10380 (Av)		39.68	54	-14.32
		15570 (Pk)		54.05	68.23	-14.18
		15570 (Av)		41.20	54	-12.80
	5230	5230 (Pk)	Vertical	95.48	-	-
		5230 (Av)		84.92	-	-
		5150 (Pk)		44.03	74*	-29.97
		5150 (Av)		31.86	54*	-22.14
		10460 (Pk)		52.82	68.23	-15.41
		10460 (Av)		40.13	54	-13.87
		15690 (Pk)		53.69	68.23	-14.54
		15690 (Av)		41.17	54	-12.83
		5230 (Pk)	Horizontal	101.61	-	-
		5230 (Av)		91.38	-	-
		5150 (Pk)		49.37	74*	-24.63
		5150 (Av)		36.75	54*	-17.25
		10460 (Pk)		56.57	68.23	-11.66
		10460 (Av)		40.14	54	-13.86
		15690 (Pk)		53.63	68.23	-14.60
		15690 (Av)		41.16	54	-12.84

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UNII 2a	5270	5270 (Pk)	Vertical	95.47	-	-
		5270 (Av)		85.12	-	-
		5350 (Pk)		48.59	74*	-25.41
		5350 (Av)		33.74	54*	-20.26
		10540 (Pk)		52.52	68.23	-15.71
		10540 (Av)		40.16	54	-13.84
		15810 (Pk)		53.77	68.23	-14.46
		15810 (Av)		40.96	54	-13.04
		5270 (Pk)	Horizontal	103.29	-	-
		5270 (Av)		93.23	-	-
		5350 (Pk)		53.69	74*	-20.31
		5350 (Av)		39.40	54*	-14.60
		10540 (Pk)		52.62	68.23	-15.61
		10540 (Av)		40.12	54	-13.88
		15810 (Pk)		53.07	68.23	-15.16
		15810 (Av)		40.96	54	-13.04
UNII 2c	5510	5510 (Pk)	Vertical	92.89	-	-
		5510 (Av)		82.43	-	-
		5460 (Pk)		49.83	74*	-24.17
		5460 (Av)		33.79	54*	-20.21
		11020 (Pk)		52.93	68.23	-15.30
		11020 (Av)		41.15	54	-12.85
		16530 (Pk)		54.63	68.23	-13.60
		16530 (Av)		43.05	54	-10.95
		5510 (Pk)	Horizontal	100.65	-	-
		5510 (Av)		90.28	-	-
		5460 (Pk)		56.40	74*	-17.60
		5460 (Av)		41.22	54*	-12.78
		11020 (Pk)		54.31	68.23	-13.92
		11020 (Av)		41.12	54	-12.88
		16530 (Pk)		55.70	68.23	-12.53
		16530 (Av)		43.05	54	-10.95
	5590	5590 (Pk)	Vertical	91.90	-	-
		5590 (Av)		81.22	-	-
		5460 (Pk)		44.16	74*	-29.84
		5460 (Av)		30.83	54*	-23.17
		11180 (Pk)		54.03	68.23	-14.20
		11180 (Av)		40.76	54	-13.24
		16770 (Pk)		56.35	68.23	-11.88
		16770 (Av)		43.75	54	-10.25
		5590 (Pk)	Horizontal	99.99	-	-
		5590(Av)		89.56	-	-
		5460 (pk)		46.68	74*	-27.32
		5460(Av)		34.12	54*	-19.88
		11180 (Pk)		52.84	68.23	-15.39
		11180(Av)		40.72	54	-13.28
		16770 (Pk)		56.04	68.23	-12.19
		16770 (Av)		43.73	54	-10.27

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5670	Vertical	5670 (Pk)	93.45	-	-
		5670 (Av)	82.94	-	-
		5460 (Pk)	43.47	74*	-30.53
		5460 (Av)	30.17	54*	-23.83
		11340 (Pk)	53.40	68.23	-14.83
		11340 (Av)	41.35	54	-12.65
		17010 (Pk)	55.99	68.23	-12.24
		17010 (Av)	43.73	54	-10.27
	Horizontal	5670 (Pk)	100.90	-	-
		5670 (Av)	90.39	-	-
		5460 (Pk)	44.15	74*	-29.85
		5460 (Av)	31.78	54*	-22.22
		11340 (Pk)	53.49	68.23	-14.74
		11340 (Av)	41.33	54	-12.67
		17010 (Pk)	55.82	68.23	-12.41
		17010 (Av)	43.75	54	-10.25
UNII 3	5755	5755 (Pk)	93.03	-	-
		5755 (Av)	81.99	-	-
		5715(Pk)	61.49	78.2*	-16.71
		5725(Pk)	62.76	78.2*	-15.44
		11510 (Pk)	54.10	68.23	-14.13
		11510 (Av)	42.81	54	-11.19
		17265 (Pk)	57.39	68.23	-10.84
		17265 (Av)	44.76	54	-9.24
	Horizontal	5755 (Pk)	103.09	-	-
		5755 (Av)	93.77	-	-
		5715(Pk)	70.58	78.2*	-7.62
		5725(Pk)	73.11	78.2*	-5.09
		11510 (Pk)	55.06	68.23	-13.17
		11510 (Av)	42.64	54	-11.36
		17265 (Pk)	57.68	68.23	-10.55
		17265 (Av)	44.69	54	-9.31
	5795	5795 (Pk)	100.44	-	-
		5795 (Av)	89.75	-	-
		5850 (Pk)	62.45	78.2*	-15.75
		5860 (Pk)	61.83	78.2*	-16.37
		11590 (Pk)	54.33	68.23	-13.90
		11590 (Av)	42.41	54	-11.59
		17385 (Pk)	57.90	68.23	-10.33
		17385 (Av)	45.79	54	-8.21
	Horizontal	5795 (Pk)	97.33	-	-
		5795 (Av)	86.75	-	-
		5850 (Pk)	62.97	78.2*	-15.23
		5860 (Pk)	60.73	78.2*	-17.47
		11590 (Pk)	61.03	68.23	-7.20
		11590 (Av)	46.96	54	-7.04
		17385 (Pk)	57.41	68.23	-10.82
		17385 (Av)	45.54	54	-8.46

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Modulation: 802.11n-HT40

Data rate: MCS7

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
UNII 1	5190	5190 (Pk)	Vertical	91.77	-	-
		5190 (Av)		76.72	-	-
		5150 (Pk)		51.22	74*	-22.78
		5150 (Av)		33.58	54*	-20.42
		10380 (Pk)		51.57	68.23	-16.66
		10380 (Av)		39.61	54	-14.39
		15570 (Pk)		53.15	68.23	-15.08
		15570 (Av)		41.33	54	-12.67
		5190 (Pk)	Horizontal	102.33	-	-
		5190 (Av)		87.10	-	-
		5150 (Pk)		59.42	74*	-14.58
		5150 (Av)		39.76	54*	-14.24
		10380 (Pk)		51.44	68.23	-16.79
		10380 (Av)		39.54	54	-14.46
		15570 (Pk)		53.81	68.23	-14.42
		15570 (Av)		41.34	54	-12.66
	5230	5230 (Pk)	Vertical	95.94	-	-
		5230 (Av)		80.75	-	-
		5150 (Pk)		45.05	74*	-28.95
		5150 (Av)		31.57	54*	-22.43
		10460 (Pk)		51.70	68.23	-16.53
		10460 (Av)		40.22	54	-13.78
		15690 (Pk)		54.03	68.23	-14.20
		15690 (Av)		41.36	54	-12.64
		5230 (Pk)	Horizontal	102.74	-	-
		5230 (Av)		86.95	-	-
		5150 (Pk)		50.27	74*	-23.73
		5150 (Av)		35.37	54*	-18.63
		10460 (Pk)		53.12	68.23	-15.11
		10460 (Av)		40.20	54	-13.80
		15690 (Pk)		53.78	68.23	-14.45
		15690 (Av)		41.35	54	-12.65

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UNII 2a	5270	5270 (Pk)	Vertical	94.83	-	-
		5270 (Av)		79.64	-	-
		5350 (Pk)		45.33	74*	-28.67
		5350 (Av)		31.55	54*	-22.45
		10540 (Pk)		52.51	68.23	-15.72
		10540 (Av)		40.38	54	-13.62
		15810 (Pk)		52.66	68.23	-15.57
		15810 (Av)		41.15	54	-12.85
		5270 (Pk)	Horizontal	98.23	-	-
		5270 (Av)		83.57	-	-
		5350 (Pk)		48.24	74*	-25.76
		5350 (Av)		33.50	54*	-20.50
		10540 (Pk)		52.91	68.23	-15.32
		10540 (Av)		40.40	54	-13.60
		15810 (Pk)		52.95	68.23	-15.28
		15810 (Av)		41.19	54	-12.81
UNII 2c	5510	5510 (Pk)	Vertical	91.97	-	-
		5510 (Av)		76.34	-	-
		5460 (Pk)		47.06	74*	-26.94
		5460 (Av)		31.67	54*	-22.33
		11020 (Pk)		53.51	68.23	-14.72
		11020 (Av)		41.38	54	-12.62
		16530 (Pk)		54.67	68.23	-13.56
		16530 (Av)		43.28	54	-10.72
		5510 (Pk)	Horizontal	99.11	-	-
		5510 (Av)		83.95	-	-
		5460 (Pk)		55.30	74*	-18.70
		5460 (Av)		36.54	54*	-17.46
		11020 (Pk)		53.35	68.23	-14.88
		11020 (Av)		41.40	54	-12.60
		16530 (Pk)		55.27	68.23	-12.96
		16530 (Av)		43.25	54	-10.75
	5590	5590 (Pk)	Vertical	90.51	-	-
		5590 (Av)		75.10	-	-
		5460 (Pk)		43.31	74*	-30.69
		5460 (Av)		30.48	54*	-23.52
		11180 (Pk)		52.62	68.23	-15.61
		11180 (Av)		40.99	54	-13.01
		16770 (Pk)		56.29	68.23	-11.94
		16770 (Pk)		44.09	54	-9.91
		5590 (Pk)	Horizontal	98.23	-	-
		5590 (Av)		84.40	-	-
		5460 (Pk)		44.85	74*	-29.15
		5460 (Av)		31.84	54*	-22.16
		11180 (Pk)		53.28	68.23	-14.95
		11180 (Av)		41.05	54	-12.95
		16770 (Pk)		55.38	68.23	-12.85
		16770 (Pk)		44.04	54	-9.96

	5670	5670 (Pk)	Vertical	89.54	-	-
		5670 (Av)		74.34	-	-
		5460 (Pk)		43.06	74*	-30.94
		5460 (Av)		30.14	54*	-23.86
		11340 (Pk)		53.33	68.23	-14.90
		11340 (Av)		40.71	54	-13.29
		17010 (Pk)		55.61	68.23	-12.62
		17010 (Av)		42.89	54	-11.11
		5670 (Pk)	Horizontal	99.93	-	-
		5670 (Av)		85.01	-	-
		5460 (Pk)		42.84	74*	-31.16
		5460 (Av)		30.90	54*	-23.10
		11340 (Pk)		52.31	68.23	-15.92
		11340 (Av)		40.70	54	-13.30
		17010 (Pk)		54.86	68.23	-13.37
		17010 (Av)		42.89	54	-11.11
UNII 3	5755	5755 (Pk)	Vertical	96.60	-	-
		5755 (Av)		80.87	-	-
		5715(Pk)		66.47	78.2*	-11.73
		5725(Pk)		64.05	78.2*	-14.15
		11510 (Pk)		53.90	68.23	-14.33
		11510 (Av)		41.83	54	-12.17
		17265 (Pk)		55.40	68.23	-12.83
		17265 (Av)		43.34	54	-10.66
		5755 (Pk)	Horizontal	103.65	-	-
		5755 (Av)		89.95	-	-
		5715(Pk)		70.84	78.2*	-7.36
		5725(Pk)		73.70	78.2*	-4.50
		11510 (Pk)		53.65	68.23	-14.58
		11510 (Av)		41.84	54	-12.16
		17265 (Pk)		55.15	68.23	-13.08
		17265 (Av)		43.33	54	-10.67
	5795	5795 (Pk)	Vertical	96.13	-	-
		5795 (Av)		80.56	-	-
		5850 (Pk)		53.61	78.2*	-24.59
		5860 (Pk)		49.79	78.2*	-28.41
		11590 (Pk)		54.97	68.23	-13.26
		11590 (Av)		42.32	54	-11.68
		17385 (Pk)		58.64	68.23	-9.59
		17385 (Av)		45.79	54	-8.21
		5795 (Pk)	Horizontal	101.00	-	-
		5795 (Av)		85.14	-	-
		5850 (Pk)		59.63	78.2*	-18.57
		5860 (Pk)		58.19	78.2*	-20.01
		11590 (Pk)		56.91	68.23	-11.32
		11590 (Av)		43.54	54	-10.46
		17385 (Pk)		58.34	68.23	-9.89
		17385 (Av)		45.76	54	-8.24

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Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5190	5190 (Pk)	Vertical	90.08	-	-
		5190 (Av)		80.27	-	-
		5150 (Pk)		54.90	74*	-19.10
		5150 (Av)		35.82	54*	-18.18
		10380 (Pk)		53.42	68.23	-14.81
		10380 (Av)		41.17	54	-12.83
		15570 (Pk)		52.88	68.23	-15.35
		15570 (Av)		40.68	54	-13.32
		5190 (Pk)	Horizontal	98.50	-	-
		5190 (Av)		88.58	-	-
		5150 (Pk)		63.85	74*	-10.15
		5150 (Av)		44.30	54*	-9.70
		10380 (Pk)		53.01	68.23	-15.22
		10380 (Av)		41.10	54	-12.90
		15570 (Pk)		51.66	68.23	-16.57
		15570 (Av)		40.69	54	-13.31
	5230	5230 (Pk)	Vertical	90.08	-	-
		5230 (Av)		80.83	-	-
		5150 (Pk)		42.38	74*	-31.62
		5150 (Av)		30.58	54*	-23.42
		10460 (Pk)		52.25	68.23	-15.98
		10460 (Av)		40.05	54	-13.95
		15690 (Pk)		52.85	68.23	-15.38
		15690 (Av)		40.62	54	-13.38
		5230 (Pk)	Horizontal	95.04	-	-
		5230 (Av)		85.28	-	-
		5150 (Pk)		44.50	74*	-29.50
		5150 (Av)		32.12	54*	-21.88
		10460 (Pk)		51.59	68.23	-16.64
		10460 (Av)		40.03	54	-13.97
		15690 (Pk)		52.45	68.23	-15.78
		15690 (Av)		40.61	54	-13.39

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UNII 2a	5270	5270 (Pk)	Vertical	90.87	-	-
		5270 (Av)		81.07	-	-
		5350 (Pk)		42.41	74*	-31.59
		5350 (Av)		30.95	54*	-23.05
		10540 (Pk)		52.89	68.23	-15.34
		10540 (Av)		40.21	54	-13.79
		15810 (Pk)		52.46	68.23	-15.77
		15810 (Av)		40.72	54	-13.28
		5270 (Pk)	Horizontal	103.41	-	-
		5270 (Av)		93.65	-	-
		5350 (Pk)		51.33	74*	-22.67
		5350 (Av)		39.51	54*	-14.49
		10540 (Pk)		51.86	68.23	-16.37
		10540 (Av)		40.18	54	-13.82
		15810 (Pk)		52.63	68.23	-15.60
		15810 (Av)		40.74	54	-13.26
UNII 2c	5510	5510 (Pk)	Vertical	89.91	-	-
		5510 (Av)		80.84	-	-
		5460 (Pk)		50.67	74*	-23.33
		5460 (Av)		33.24	54*	-20.76
		11020 (Pk)		52.35	68.23	-15.88
		11020 (Av)		40.88	54	-13.12
		16530 (Pk)		53.88	68.23	-14.35
		16530 (Av)		42.44	54	-11.56
		5510 (Pk)	Horizontal	94.65	-	-
		5510 (Av)		85.29	-	-
		5460 (Pk)		52.45	74*	-21.55
		5460 (Av)		36.13	54*	-17.87
		11020 (Pk)		52.56	68.23	-15.67
		11020 (Av)		40.83	54	-13.17
		16530 (Pk)		53.47	68.23	-14.76
		16530 (Av)		42.39	54	-11.61
	5590	5590 (Pk)	Vertical	91.05	-	-
		5590 (Av)		81.34	-	-
		5460 (Pk)		42.19	74*	-31.81
		5460 (Av)		30.52	54*	-23.48
		11180 (Pk)		51.81	68.23	-16.42
		11180 (Av)		40.38	54	-13.62
		16770 (Pk)		55.26	68.23	-12.97
		16770 (Av)		43.29	54	-10.71
		5590 (Pk)	Horizontal	101.27	-	-
		5590 (Av)		91.74	-	-
		5460 (Pk)		45.97	74*	-28.03
		5460 (Av)		34.86	54*	-19.14
		11180 (Pk)		53.17	68.23	-15.06
		11180 (Av)		40.42	54	-13.58
		16770 (Pk)		55.44	68.23	-12.79
		16770 (Av)		43.27	54	-10.73

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	5670	5670 (Pk)	Vertical	87.35	-	-
		5670 (Av)		78.42	-	-
		5460 (Pk)		42.56	74*	-31.44
		5460 (Av)		30.06	54*	-23.94
		11340 (Pk)		52.30	68.23	-15.93
		11340 (Av)		40.76	54	-13.24
		17010 (Pk)		54.30	68.23	-13.93
		17010 (Av)		42.96	54	-11.04
		5670 (Pk)	Horizontal	99.43	-	-
		5670 (Av)		89.77	-	-
		5460 (Pk)		43.66	74*	-30.34
		5460 (Av)		31.44	54*	-22.56
		11340 (Pk)		52.19	68.23	-16.04
		11340 (Av)		40.71	54	-13.29
		17010 (Pk)		55.02	68.23	-13.21
		17010 (Av)		42.88	54	-11.12
	5755	5755 (Pk)	Vertical	95.72	-	-
		5755 (Av)		84.76	-	-
		5715(Pk)		67.88	78.2*	-10.32
		5725(Pk)		69.16	78.2*	-9.04
		11510 (Pk)		56.67	68.23	-11.56
		11510 (Av)		42.00	54	-12.00
		17265 (Pk)		55.34	68.23	-12.89
		17265 (Av)		43.38	54	-10.62
		5755 (Pk)	Horizontal	107.60	-	-
		5755 (Av)		94.76	-	-
		5715(Pk)		73.42	78.2*	-4.78
		5725(Pk)		75.60	78.2*	-2.60
		11510 (Pk)		53.97	68.23	-14.26
		11510 (Av)		41.91	54	-12.09
		17265 (Pk)		54.71	68.23	-13.52
		17265 (Av)		43.37	54	-10.63
UNII 3	5795	5795 (Pk)	Vertical	99.05	-	-
		5795 (Av)		89.03	-	-
		5850 (Pk)		61.58	78.2*	-16.62
		5860 (Pk)		58.77	78.2*	-19.43
		11590 (Pk)		55.01	68.23	-13.22
		11590 (Av)		42.36	54	-11.64
		17385 (Pk)		57.18	68.23	-11.05
		17385 (Av)		45.81	54	-8.19
		5795 (Pk)	Horizontal	97.29	-	-
		5795 (Av)		87.55	-	-
		5850 (Pk)		60.09	78.2*	-18.11
		5860 (Pk)		59.00	78.2*	-19.20
		11590 (Pk)		66.21	68.23	-2.02
		11590 (Av)		52.02	54	-1.98
		17385 (Pk)		57.85	68.23	-10.38
		17385 (Av)		45.79	54	-8.21

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Modulation: 802.11ac-VHT40

Data rate: MCS9

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5190	5190 (Pk)	Vertical	87.37	-	-
		5190 (Av)		72.40	-	-
		5150 (Pk)		47.36	74*	-26.64
		5150 (Av)		31.52	54*	-22.48
		10380 (Pk)		52.84	68.23	-15.39
		10380 (Av)		39.51	54	-14.49
		15570 (Pk)		52.93	68.23	-15.30
		15570 (Av)		40.68	54	-13.32
		5190 (Pk)	Horizontal	95.32	-	-
		5190 (Av)		79.84	-	-
		5150 (Pk)		49.83	74*	-24.17
		5150 (Av)		34.34	54*	-19.66
		10380 (Pk)		51.75	68.23	-16.48
		10380 (Av)		39.47	54	-14.53
		15570 (Pk)		52.42	68.23	-15.81
		15570 (Av)		40.71	54	-13.29
	5230	5230 (Pk)	Vertical	89.64	-	-
		5230 (Av)		75.20	-	-
		5150 (Pk)		42.44	74*	-31.56
		5150 (Av)		30.73	54*	-23.27
		10460 (Pk)		52.01	68.23	-16.22
		10460 (Av)		40.02	54	-13.98
		15690 (Pk)		52.07	68.23	-16.16
		15690 (Av)		40.56	54	-13.44
		5230 (Pk)	Horizontal	101.41	-	-
		5230 (Av)		87.96	-	-
		5150 (Pk)		49.17	74*	-24.83
		5150 (Av)		35.98	54*	-18.02
		10460 (Pk)		51.57	68.23	-16.66
		10460 (Av)		39.99	54	-14.01
		15690 (Pk)		52.20	68.23	-16.03
		15690 (Av)		40.60	54	-13.40

UNII 2a	5270	5270 (Pk)	Vertical	91.26	-	-
		5270 (Av)		77.13	-	-
		5350 (Pk)		43.82	74*	-30.18
		5350 (Av)		30.96	54*	-23.04
		10540 (Pk)		51.83	68.23	-16.40
		10540 (Av)		40.23	54	-13.77
		15810 (Pk)		52.49	68.23	-15.74
		15810 (Av)		40.82	54	-13.18
		5270 (Pk)	Horizontal	97.37	-	-
		5270 (Av)		82.88	-	-
		5350 (Pk)		46.21	74*	-27.79
		5350 (Av)		32.97	54*	-21.03
		10540 (Pk)		52.12	68.23	-16.11
		10540 (Av)		40.26	54	-13.74
		15810 (Pk)		52.90	68.23	-15.33
		15810 (Av)		40.83	54	-13.17
UNII 2c	5510	5510 (Pk)	Vertical	90.25	-	-
		5510 (Av)		75.94	-	-
		5460 (Pk)		47.62	74*	-26.38
		5460 (Av)		32.52	54*	-21.48
		11020 (Pk)		52.36	68.23	-15.87
		11020 (Av)		40.80	54	-13.20
		16530 (Pk)		53.81	68.23	-14.42
		16530 (Av)		42.26	54	-11.74
		5510 (Pk)	Horizontal	96.92	-	-
		5510 (Av)		81.83	-	-
		5460 (Pk)		52.48	74*	-21.52
		5460 (Av)		36.03	54*	-17.97
		11020 (Pk)		52.48	68.23	-15.75
		11020 (Av)		40.79	54	-13.21
		16530 (Pk)		53.71	68.23	-14.52
		16530 (Av)		42.33	54	-11.67
	5590	5590 (Pk)	Vertical	88.98	-	-
		5590 (Av)		74.76	-	-
		5460 (Pk)		42.71	74*	-31.29
		5460 (Av)		30.43	54*	-23.57
		11180 (Pk)		51.73	68.23	-16.50
		11180 (Av)		40.33	54	-13.67
		16770 (Pk)		55.91	68.23	-12.32
		16770 (Av)		43.25	54	-10.75
		5590 (Pk)	Horizontal	98.23	-	-
		5590 (Av)		83.84	-	-
		5460 (Pk)		44.42	74*	-29.58
		5460 (Av)		32.30	54*	-21.70
		11180 (Pk)		51.47	68.23	-16.76
		11180 (Av)		40.39	54	-13.61
		16770 (Pk)		55.36	68.23	-12.87
		16770 (Av)		43.27	54	-10.73

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5670	Vertical	5670 (Pk)	90.34	-	-
		5670 (Av)	76.46	-	-
		5460 (Pk)	43.09	74*	-30.91
		5460 (Av)	30.11	54*	-23.89
		11340 (Pk)	52.56	68.23	-15.67
		11340 (Av)	40.77	54	-13.23
		17010 (Pk)	53.75	68.23	-14.48
		17010 (Av)	42.71	54	-11.29
	Horizontal	5670 (Pk)	99.53	-	-
		5670 (Av)	86.03	-	-
		5460 (Pk)	43.98	74*	-30.02
		5460 (Av)	31.13	54*	-22.87
		11340 (Pk)	52.14	68.23	-16.09
		11340 (Av)	40.78	54	-13.22
		17010 (Pk)	54.96	68.23	-13.27
		17010 (Av)	42.75	54	-11.25
UNII 3	5755	5755 (Pk)	94.18	-	-
		5755 (Av)	82.60	-	-
		5715(Pk)	62.43	78.2*	-15.77
		5725(Pk)	65.43	78.2*	-12.77
		11510 (Pk)	53.43	68.23	-14.80
		11510 (Av)	41.89	54	-12.11
		17265 (Pk)	54.23	68.23	-14.00
		17265 (Av)	43.03	54	-10.97
	Horizontal	5755 (Pk)	105.33	-	-
		5755 (Av)	94.29	-	-
		5715(Pk)	71.68	78.2*	-6.52
		5725(Pk)	74.99	78.2*	-3.21
		11510 (Pk)	53.79	68.23	-14.44
		11510 (Av)	41.99	54	-12.01
		17265 (Pk)	54.97	68.23	-13.26
		17265 (Av)	43.08	54	-10.92
	5795	5795 (Pk)	98.61	-	-
		5795 (Av)	82.98	-	-
		5850 (Pk)	60.49	78.2*	-17.71
		5860 (Pk)	54.45	78.2*	-23.75
		11590 (Pk)	54.54	68.23	-13.69
		11590 (Av)	42.34	54	-11.66
		17385 (Pk)	57.38	68.23	-10.85
		17385 (Av)	45.79	54	-8.21
	Horizontal	5795 (Pk)	108.63	-	-
		5795 (Av)	93.62	-	-
		5850 (Pk)	70.18	78.2*	-8.02
		5860 (Pk)	63.45	78.2*	-14.75
		11590 (Pk)	54.91	68.23	-13.32
		11590 (Av)	42.73	54	-11.27
		17385 (Pk)	58.09	68.23	-10.14
		17385 (Av)	45.79	54	-8.21

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Modulation: 802.11ax-HE40

Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5190	5190 (Pk)	Vertical	93.96	-	-
		5190 (Av)		81.73	-	-
		5150 (Pk)		53.19	74*	-20.81
		5150 (Av)		37.19	54*	-16.81
		10380 (Pk)		50.77	68.23	-17.46
		10380 (Av)		39.27	54	-14.73
		15570 (Pk)		52.89	68.23	-15.34
		15570 (Av)		40.86	54	-13.14
		5190 (Pk)	Horizontal	104.99	-	-
		5190 (Av)		92.49	-	-
		5150 (Pk)		61.93	74*	-12.07
		5150 (Av)		46.57	54*	-7.43
		10380 (Pk)		51.20	68.23	-17.03
		10380 (Av)		39.32	54	-14.68
		15570 (Pk)		53.52	68.23	-14.71
		15570 (Av)		40.84	54	-13.16
	5230	5230 (Pk)	Vertical	92.89	-	-
		5230 (Av)		80.46	-	-
		5150 (Pk)		43.31	74*	-30.69
		5150 (Av)		31.17	54*	-22.83
		10460 (Pk)		52.04	68.23	-16.19
		10460 (Av)		40.16	54	-13.84
		15690 (Pk)		52.66	68.23	-15.57
		15690 (Av)		41.20	54	-12.80
		5230 (Pk)	Horizontal	97.61	-	-
		5230 (Av)		85.17	-	-
		5150 (Pk)		44.08	74*	-29.92
		5150 (Av)		32.13	54*	-21.87
		10460 (Pk)		51.89	68.23	-16.34
		10460 (Av)		40.23	54	-13.77
		15690 (Pk)		52.36	68.23	-15.87
		15690 (Av)		41.21	54	-12.79

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UNII 2a	5270	5270 (Pk)	Vertical	94.78	-	-
		5270 (Av)		82.06	-	-
		5350 (Pk)		45.73	74*	-28.27
		5350 (Av)		31.85	54*	-22.15
		10540 (Pk)		51.98	68.23	-16.25
		10540 (Av)		40.24	54	-13.76
		15810 (Pk)		53.02	68.23	-15.21
		15810 (Av)		41.16	54	-12.84
		5270 (Pk)	Horizontal	106.33	-	-
		5270 (Av)		93.50	-	-
		5350 (Pk)		52.84	74*	-21.16
		5350 (Av)		39.85	54*	-14.15
		10540 (Pk)		52.25	68.23	-15.98
		10540 (Av)		40.22	54	-13.78
		15810 (Pk)		52.71	68.23	-15.52
		15810 (Av)		41.13	54	-12.87
UNII 2c	5510	5510 (Pk)	Vertical	93.57	-	-
		5510 (Av)		81.04	-	-
		5460 (Pk)		47.33	74*	-26.67
		5460 (Av)		33.71	54*	-20.29
		11020 (Pk)		52.23	68.23	-16.00
		11020 (Av)		40.88	54	-13.12
		16530 (Pk)		54.38	68.23	-13.85
		16530 (Av)		42.50	54	-11.50
		5510 (Pk)	Horizontal	98.10	-	-
		5510 (Av)		85.77	-	-
		5460 (Pk)		53.44	74*	-20.56
		5460 (Av)		36.75	54*	-17.25
		11020 (Pk)		52.79	68.23	-15.44
		11020 (Av)		40.92	54	-13.08
		16530 (Pk)		54.48	68.23	-13.75
		16530 (Av)		42.56	54	-11.44
	5590	5590 (Pk)	Vertical	93.26	-	-
		5590 (Av)		80.39	-	-
		5460 (Pk)		42.63	74*	-31.37
		5460 (Av)		30.43	54*	-23.57
		11180 (Pk)		52.34	68.23	-15.89
		11180 (Av)		40.51	54	-13.49
		16770 (Pk)		55.52	68.23	-12.71
		5590 (Pk)		43.46	54	-10.54
		5590 (Pk)	Horizontal	104.67	-	-
		5590 (Av)		91.84	-	-
		5460 (Pk)		47.33	74*	-26.67
		5460 (Av)		35.35	54*	-18.65
		11180 (Pk)		53.30	68.23	-14.93
		11180 (Av)		40.57	54	-13.43
		16770 (Pk)		54.40	68.23	-13.83
		16770 (Av)		42.55	54	-11.45

	5670	5670 (Pk)	Vertical	91.86	-	-
		5670 (Av)		79.11	-	-
		5460 (Pk)		42.05	74*	-31.95
		5460 (Av)		29.91	54*	-24.09
		11340 (Pk)		53.10	68.23	-15.13
		11340 (Av)		41.10	54	-12.90
		17010 (Pk)		55.06	68.23	-13.17
		17010 (Av)		42.77	54	-11.23
		5670 (Pk)	Horizontal	100.78	-	-
		5670 (Av)		88.10	-	-
		5460 (Pk)		42.46	74*	-31.54
		5460 (Av)		31.45	54*	-22.55
		11340 (Pk)		52.79	68.23	-15.44
		11340 (Av)		40.97	54	-13.03
		17010 (Pk)		54.80	68.23	-13.43
		17010 (Av)		42.86	54	-11.14
UNII 3	5755	5755 (Pk)	Vertical	93.29	-	-
		5755 (Av)		81.82	-	-
		5715(Pk)		61.33	78.2*	-16.87
		5725(Pk)		63.60	78.2*	-14.60
		11510 (Pk)		54.66	68.23	-13.57
		11510 (Av)		42.67	54	-11.33
		17265 (Pk)		55.56	68.23	-12.67
		17265 (Av)		43.95	54	-10.05
		5755 (Pk)	Horizontal	105.86	-	-
		5755 (Av)		94.34	-	-
		5715(Pk)		68.83	78.2*	-9.37
		5725(Pk)		72.39	78.2*	-5.81
		11510 (Pk)		54.24	68.23	-13.99
		11510 (Av)		42.66	54	-11.34
		17265 (Pk)		55.63	68.23	-12.60
		17265 (Av)		43.91	54	-10.09
	5795	5795 (Pk)	Vertical	97.17	-	-
		5795 (Av)		83.74	-	-
		5850 (Pk)		57.33	78.2*	-20.87
		5860 (Pk)		54.85	78.2*	-23.35
		11590 (Pk)		56.18	68.23	-12.05
		11590 (Av)		43.38	54	-10.62
		17385 (Pk)		57.90	68.23	-10.33
		17385 (Av)		45.80	54	-8.20
		5795 (Pk)	Horizontal	110.75	-	-
		5795 (Av)		97.37	-	-
		5850 (Pk)		71.12	78.2*	-7.08
		5860 (Pk)		67.61	78.2*	-10.59
		11590 (Pk)		58.60	68.23	-9.63
		11590 (Av)		45.14	54	-8.86
		17385 (Pk)		57.71	68.23	-10.52
		17385 (Av)		45.84	54	-8.16

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Data rate: MCS11

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
UNII 1	5190	5190 (Pk)	Vertical	93.05	-	-
		5190 (Av)		79.99	-	-
		5150 (Pk)		51.46	74*	-22.54
		5150 (Av)		35.67	54*	-18.33
		10380 (Pk)		51.39	68.23	-16.84
		10380 (Av)		39.27	54	-14.73
		15570 (Pk)		52.71	68.23	-15.52
		15570 (Av)		40.64	54	-13.36
		5190 (Pk)	Horizontal	104.27	-	-
		5190 (Av)		90.55	-	-
		5150 (Pk)		59.49	74*	-14.51
		5150 (Av)		43.67	54*	-10.33
		10380 (Pk)		50.49	68.23	-17.74
		10380 (Av)		39.25	54	-14.75
		15570 (Pk)		52.47	68.23	-15.76
		15570 (Av)		40.44	54	-13.56
	5230	5230 (Pk)	Vertical	92.93	-	-
		5230 (Av)		79.46	-	-
		5150 (Pk)		43.87	74*	-30.13
		5150 (Av)		30.88	54*	-23.12
		10460 (Pk)		51.27	68.23	-16.96
		10460 (Av)		39.87	54	-14.13
		15690 (Pk)		51.66	68.23	-16.57
		15690 (Av)		40.54	54	-13.46
		5230 (Pk)	Horizontal	101.46	-	-
		5230 (Av)		88.81	-	-
		5150 (Pk)		46.19	74*	-27.81
		5150 (Av)		34.33	54*	-19.67
		10460 (Pk)		51.31	68.23	-16.92
		10460 (Av)		39.81	54	-14.19
		15690 (Pk)		51.85	68.23	-16.38
		15690 (Av)		40.52	54	-13.48

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UNII 2a	5270	5270 (Pk)	Vertical	94.88	-	-
		5270 (Av)		81.56	-	-
		5350 (Pk)		45.31	74*	-28.69
		5350 (Av)		32.23	54*	-21.77
		10540 (Pk)		51.37	68.23	-16.86
		10540 (Av)		40.15	54	-13.85
		15810 (Pk)		52.64	68.23	-15.59
		15810 (Av)		41.14	54	-12.86
		5270 (Pk)	Horizontal	106.39	-	-
		5270 (Av)		92.92	-	-
		5350 (Pk)		51.64	74*	-22.36
		5350 (Av)		38.22	54*	-15.78
		10540 (Pk)		52.17	68.23	-16.06
		10540 (Av)		40.17	54	-13.83
		15810 (Pk)		53.56	68.23	-14.67
		15810 (Av)		41.16	54	-12.84
UNII 2c	5510	5510 (Pk)	Vertical	84.52	-	-
		5510 (Av)		70.67	-	-
		5460 (Pk)		42.63	74*	-31.37
		5460 (Av)		30.06	54*	-23.94
		11020 (Pk)		52.76	68.23	-15.47
		11020 (Av)		41.05	54	-12.95
		16530 (Pk)		55.29	68.23	-12.94
		16530 (Av)		43.23	54	-10.77
		5510 (Pk)	Horizontal	94.86	-	-
		5510 (Av)		81.62	-	-
		5460 (Pk)		44.70	74*	-29.30
		5460 (Av)		32.74	54*	-21.26
		11020 (Pk)		52.52	68.23	-15.71
		11020 (Av)		41.12	54	-12.88
		16530 (Pk)		55.88	68.23	-12.35
		16530 (Av)		43.23	54	-10.77
	5590	5590 (Pk)	Vertical	84.71	-	-
		5590 (Av)		70.90	-	-
		5460 (Pk)		41.94	74*	-32.06
		5460 (Av)		29.94	54*	-24.06
		11180 (Pk)		52.40	68.23	-15.83
		11180 (Av)		40.64	54	-13.36
		16770 (Pk)		55.20	68.23	-13.03
		16770 (Av)		43.58	54	-10.42
		5590 (Pk)	Horizontal	92.19	-	-
		5590 (Av)		79.11	-	-
		5460 (Pk)		42.90	74*	-31.10
		5460 (Av)		30.59	54*	-23.41
		11180 (Pk)		52.35	68.23	-15.88
		11180 (Av)		40.68	54	-13.32
		16770 (Pk)		55.87	68.23	-12.36
		16770 (Av)		43.65	54	-10.35

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	5670	5670 (Pk)	Vertical	82.84	-	-
		5670 (Av)		69.42	-	-
		5460 (Pk)		42.65	74*	-31.35
		5460 (Av)		30.06	54*	-23.94
		11340 (Pk)		52.61	68.23	-15.62
		11340 (Av)		41.06	54	-12.94
		17010 (Pk)		55.13	68.23	-13.10
		17010 (Av)		43.02	54	-10.98
		5670 (Pk)	Horizontal	95.90	-	-
		5670 (Av)		81.99	-	-
		5460 (Pk)		43.01	74*	-30.99
		5460 (Av)		31.04	54*	-22.96
		11340 (Pk)		52.81	68.23	-15.42
		11340 (Av)		41.11	54	-12.89
		17010 (Pk)		54.60	68.23	-13.63
		17010 (Av)		42.96	54	-11.04
UNII 3	5755	5755 (Pk)	Vertical	94.42	-	-
		5755 (Av)		80.65	-	-
		5715(Pk)		52.62	78.2*	-25.58
		5725(Pk)		55.58	78.2*	-22.62
		11510 (Pk)		55.01	68.23	-13.22
		11510 (Av)		42.76	54	-11.24
		17265 (Pk)		56.53	68.23	-11.70
		17265 (Av)		43.75	54	-10.25
		5755 (Pk)	Horizontal	103.81	-	-
		5755 (Av)		89.93	-	-
		5715(Pk)		61.17	78.2*	-17.03
		5725(Pk)		65.36	78.2*	-12.84
		11510 (Pk)		54.53	68.23	-13.70
		11510 (Av)		42.73	54	-11.27
		17265 (Pk)		55.80	68.23	-12.43
		17265 (Av)		43.77	54	-10.23
	5795	5795 (Pk)	Vertical	91.80	-	-
		5795 (Av)		77.92	-	-
		5850 (Pk)		43.81	78.2*	-34.39
		5860 (Pk)		44.33	78.2*	-33.87
		11590 (Pk)		55.01	68.23	-13.22
		11590 (Av)		42.36	54	-11.64
		17385 (Pk)		58.13	68.23	-10.10
		17385 (Av)		45.82	54	-8.18
		5795 (Pk)	Horizontal	93.04	-	-
		5795 (Av)		79.08	-	-
		5850 (Pk)		44.57	78.2*	-33.63
		5860 (Pk)		43.97	78.2*	-34.23
		11590 (Pk)		54.64	68.23	-13.59
		11590 (Av)		42.49	54	-11.51
		17385 (Pk)		57.72	68.23	-10.51
		17385 (Av)		45.82	54	-8.18

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Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5210	5210 (Pk)	Vertical	82.48	-	-
		5210 (Av)		72.01	-	-
		5150 (Pk)		47.48	74*	-26.52
		5150 (Av)		35.34	54*	-18.66
		10420 (Pk)		52.68	68.23	-15.55
		10420 (Av)		39.67	54	-14.33
		15630 (Pk)		53.33	68.23	-14.90
		15630 (Av)		41.05	54	-12.95
		5210 (Pk)	Horizontal	81.81	-	-
		5210 (Av)		81.18	-	-
		5150 (Pk)		53.41	74*	-20.59
		5150 (Av)		41.00	54*	-13.00
		10420 (Pk)		52.19	68.23	-16.04
		10420 (Av)		39.67	54	-14.33
		15630 (Pk)		53.08	68.23	-15.15
		15630 (Av)		41.14	54	-12.86
UNII 2a	5290	5290 (Pk)	Vertical	81.85	-	-
		5290 (Av)		72.00	-	-
		5350 (Pk)		46.56	74*	-27.44
		5350 (Av)		33.34	54*	-20.66
		10580 (Pk)		52.45	68.23	-15.78
		10580 (Av)		40.17	54	-13.83
		15870 (Pk)		53.37	68.23	-14.86
		15870 (Av)		41.33	54	-12.67
		5290 (Pk)	Horizontal	93.62	-	-
		5290 (Av)		83.81	-	-
		5350 (Pk)		55.76	74*	-18.24
		5350 (Av)		43.39	54*	-10.61
		10580 (Pk)		52.10	68.23	-16.13
		10580 (Av)		40.09	54	-13.91
		15870 (Pk)		53.28	68.23	-14.95
		15870 (Av)		41.37	54	-12.63

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UNII 2c	5530	5530 (Pk)	Vertical	85.92	-	-
		5530 (Av)		74.75	-	-
		5460 (Pk)		48.72	74*	-25.28
		5460 (Av)		33.14	54*	-20.86
		11060 (Pk)		52.79	68.23	-15.44
		11060 (Av)		40.83	54	-13.17
		16590 (Pk)		54.86	68.23	-13.37
		16590 (Av)		42.73	54	-11.27
		5530 (Pk)	Horizontal	93.10	-	-
		5530 (Av)		83.52	-	-
		5460 (Pk)		56.62	74*	-17.38
		5460 (Av)		43.23	54*	-10.77
		11060 (Pk)		52.46	68.23	-15.77
		11060 (Av)		40.83	54	-13.17
		16590 (Pk)		54.54	68.23	-13.69
		16590 (Av)		42.74	54	-11.26
	5690	5690 (Pk)	Vertical	82.34	-	-
		5690 (Av)		73.12	-	-
		5460 (Pk)		42.70	74*	-31.30
		5460 (Av)		29.78	54*	-24.22
		11380 (Pk)		53.07	68.23	-15.16
		11380 (Av)		41.53	54	-12.47
		17070 (Pk)		55.52	68.23	-12.71
		17070 (Av)		43.50	54	-10.50
		5690 (Pk)	Horizontal	92.87	-	-
		5690 (Av)		83.51	-	-
		5460 (Pk)		44.71	74*	-29.29
		5460 (Av)		32.68	54*	-21.32
		11380 (Pk)		53.43	68.23	-14.80
		11380 (Av)		41.53	54	-12.47
		17070 (Pk)		55.99	68.23	-12.24
		17070 (Av)		43.62	54	-10.38
UNII 3	5775	5775 (Pk)	Vertical	91.68	-	-
		5775 (Av)		80.99	-	-
		11550 (Pk)		54.61	68.23	-13.62
		11550 (Av)		42.36	54	-11.64
		17325 (Pk)		55.51	68.23	-12.72
		17325 (Av)		44.63	54	-9.37
		5775 (Pk)	Horizontal	102.80	-	-
		5775 (Av)		92.33	-	-
		11550 (Pk)		53.97	68.23	-14.26
		11550 (Av)		42.70	54	-11.30
		17325 (Pk)		56.57	68.23	-11.66
		17325 (Av)		44.61	54	-9.39

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Modulation: 802.11ac-VHT80

Data rate: MCS9

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5210	5210 (Pk)	Vertical	85.37	-	-
		5210 (Av)		74.68	-	-
		5150 (Pk)		46.63	74*	-27.37
		5150 (Av)		34.49	54*	-19.51
		10420 (Pk)		51.67	68.23	-16.56
		10420 (Av)		39.59	54	-14.41
		15630 (Pk)		52.98	68.23	-15.25
		15630 (Av)		40.85	54	-13.15
		5210 (Pk)	Horizontal	95.11	-	-
		5210 (Av)		84.49	-	-
		5150 (Pk)		55.97	74*	-18.03
		5150 (Av)		43.18	54*	-10.82
		10420 (Pk)		51.91	68.23	-16.32
		10420 (Av)		39.63	54	-14.37
		15630 (Pk)		53.68	68.23	-14.55
		15630 (Av)		40.83	54	-13.17
UNII 2a	5290	5290 (Pk)	Vertical	85.98	-	-
		5290 (Av)		75.03	-	-
		5350 (Pk)		44.76	74*	-29.24
		5350 (Av)		32.88	54*	-21.12
		10580 (Pk)		51.93	68.23	-16.30
		10580 (Av)		40.12	54	-13.88
		15870 (Pk)		54.13	68.23	-14.10
		15870 (Av)		41.27	54	-12.73
		5290 (Pk)	Horizontal	94.84	-	-
		5290 (Av)		84.26	-	-
		5350 (Pk)		54.32	74*	-19.68
		5350 (Av)		41.47	54*	-12.53
		10580 (Pk)		52.96	68.23	-15.27
		10580 (Av)		40.05	54	-13.95
		15870 (Pk)		53.45	68.23	-14.78
		15870 (Av)		41.24	54	-12.76

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UNII 2c	5530	5530 (Pk)	Vertical	80.41	-	-
		5530 (Av)		69.59	-	-
		5460 (Pk)		41.93	74*	-32.07
		5460 (Av)		30.22	54*	-23.78
		11060 (Pk)		53.16	68.23	-15.07
		11060 (Av)		40.83	54	-13.17
		16590 (Pk)		54.74	68.23	-13.49
		16590 (Av)		42.90	54	-11.10
		5530 (Pk)	Horizontal	88.87	-	-
		5530 (Av)		78.08	-	-
		5460 (Pk)		47.41	74*	-26.59
		5460 (Av)		34.60	54*	-19.40
		11060 (Pk)		53.02	68.23	-15.21
		11060 (Av)		40.85	54	-13.15
		16590 (Pk)		55.44	68.23	-12.79
		16590 (Av)		42.92	54	-11.08
	5690	5690 (Pk)	Vertical	78.31	-	-
		5690 (Av)		67.39	-	-
		5460 (Pk)		42.92	74*	-31.08
		5460 (Av)		29.64	54*	-24.36
		11380 (Pk)		53.15	68.23	-15.08
		11380 (Av)		41.69	54	-12.31
		17070 (Pk)		55.23	68.23	-13.00
		17070 (Av)		43.82	54	-10.18
		5690 (Pk)	Horizontal	89.66	-	-
		5690 (Av)		78.67	-	-
		5460 (Pk)		43.23	74*	-30.77
		5460 (Av)		31.36	54*	-22.64
		11380 (Pk)		54.31	68.23	-13.92
		11380 (Av)		41.65	54	-12.35
		17070 (Pk)		55.43	68.23	-12.80
		17070 (Av)		43.79	54	-10.21
UNII 3	5775	5775 (Pk)	Vertical	89.65	-	-
		5775 (Ak)		78.14	-	-
		11550 (Pk)		55.03	68.23	-13.20
		11550 (Av)		42.47	54	-11.53
		17325 (Pk)		56.37	68.23	-11.86
		17325 (Av)		44.81	54	-9.19
		5775 (Pk)	Horizontal	95.38	-	-
		5775 (Av)		84.60	-	-
		11550 (Pk)		53.96	68.23	-14.27
		11550 (Av)		42.47	54	-11.53
		17325 (Pk)		56.97	68.23	-11.26
		17325 (Av)		44.92	54	-9.08

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Modulation: 802.11ax-HE80

Data rate: MCS0

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
UNII 1	5210	5210 (Pk)	Vertical	85.89	-	-
		5210 (Av)		73.26	-	-
		5150 (Pk)		46.72	74*	-27.28
		5150 (Av)		33.83	54*	-20.17
		10420 (Pk)		52.12	68.23	-16.11
		10420 (Av)		39.70	54	-14.30
		15630 (Pk)		53.05	68.23	-15.18
		15630 (Av)		41.01	54	-12.99
		5210 (Pk)	Horizontal	98.15	-	-
		5210 (Av)		85.52	-	-
		5150 (Pk)		55.44	74*	-18.56
		5150 (Av)		42.77	54*	-11.23
		10420 (Pk)		51.69	68.23	-16.54
		10420 (Av)		39.64	54	-14.36
		15630 (Pk)		52.87	68.23	-15.36
		15630 (Av)		41.02	54	-12.98
UNII 2a	5290	5290 (Pk)	Vertical	86.68	-	-
		5290 (Av)		73.31	-	-
		5350 (Pk)		47.94	74*	-26.06
		5350 (Av)		34.40	54*	-19.60
		10580 (Pk)		51.71	68.23	-16.52
		10580 (Av)		40.24	54	-13.76
		15870 (Pk)		54.39	68.23	-13.84
		15870 (Av)		41.48	54	-12.52
		5290 (Pk)	Horizontal	95.95	-	-
		5290 (Av)		82.24	-	-
		5350 (Pk)		55.43	74*	-18.57
		5350 (Av)		41.39	54*	-12.61
		10580 (Pk)		52.61	68.23	-15.62
		10580 (Av)		40.19	54	-13.81
		15870 (Pk)		53.72	68.23	-14.51
		15870 (Av)		41.35	54	-12.65

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UNII 2c	5530	5530 (Pk)	Vertical	85.96	-	-
		5530 (Av)		73.09	-	-
		5460 (Pk)		46.75	74*	-27.25
		5460 (Av)		33.47	54*	-20.53
		11060 (Pk)		52.66	68.23	-15.57
		11060 (Av)		40.86	54	-13.14
		16590 (Pk)		54.37	68.23	-13.86
		16590 (Av)		42.94	54	-11.06
		5530 (Pk)	Horizontal	93.97	-	-
		5530 (Av)		81.11	-	-
		5460 (Pk)		53.12	74*	-20.88
		5460 (Av)		40.12	54*	-13.88
		11060 (Pk)		53.26	68.23	-14.97
		11060 (Av)		40.89	54	-13.11
		16590 (Pk)		54.61	68.23	-13.62
		16590 (Av)		42.94	54	-11.06
	5690	5690 (Pk)	Vertical	87.00	-	-
		5690 (Av)		74.08	-	-
		5460 (Pk)		41.67	74*	-32.33
		5460 (Av)		29.52	54*	-24.48
		11380 (Pk)		53.05	68.23	-15.18
		11380 (Av)		41.68	54	-12.32
		17070 (Pk)		56.43	68.23	-11.80
		17070 (Av)		43.55	54	-10.45
		5690 (Pk)	Horizontal	96.67	-	-
		5690 (Av)		83.98	-	-
		5460 (Pk)		44.74	74*	-29.26
		5460 (Av)		32.62	54*	-21.38
		11380 (Pk)		53.54	68.23	-14.69
		11380 (Av)		41.69	54	-12.31
		17070 (Pk)		55.34	68.23	-12.89
		17070 (Av)		43.59	54	-10.41
UNII 3	5775	5775 (Pk)	Vertical	95.60	-	-
		5775 (Av)		82.15	-	-
		11550 (Pk)		54.80	68.23	-13.43
		11550 (Av)		42.48	54	-11.52
		17325 (Pk)		57.22	68.23	-11.01
		17325 (Av)		45.11	54	-8.89
		5775 (Pk)	Horizontal	105.36	-	-
		5775 (Av)		92.14	-	-
		11550 (Pk)		55.03	68.23	-13.20
		11550 (Av)		43.66	54	-10.34
		17325 (Pk)		56.66	68.23	-11.57
		17325 (Av)		45.09	54	-8.91

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Modulation: 802.11ax-HE80

Data rate: MCS11

UNII Bands	Channel Frequency (MHz)	Frequency (MHz)	Polarization	Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
UNII 1	5210	5210 (Pk)	Vertical	88.29	-	-
		5210 (Av)		75.23	-	-
		5150 (Pk)		49.32	74*	-24.68
		5150 (Av)		33.85	54*	-20.15
		10420 (Pk)		51.98	68.23	-16.25
		10420 (Av)		39.69	54	-14.31
		15630 (Pk)		52.67	68.23	-15.56
		15630 (Av)		40.87	54	-13.13
		5210 (Pk)	Horizontal	97.68	-	-
		5210 (Av)		86.21	-	-
		5150 (Pk)		58.78	74*	-15.22
		5150 (Av)		43.05	54*	-10.95
		10420 (Pk)		51.74	68.23	-16.49
		10420 (Av)		39.70	54	-14.30
		15630 (Pk)		53.45	68.23	-14.78
		15630 (Av)		40.88	54	-13.12
UNII 2a	5290	5290 (Pk)	Vertical	88.75	-	-
		5290 (Av)		75.32	-	-
		5350 (Pk)		49.68	74*	-24.32
		5350 (Av)		34.59	54*	-19.41
		10580 (Pk)		52.48	68.23	-15.75
		10580 (Av)		40.20	54	-13.80
		15870 (Pk)		53.63	68.23	-14.60
		15870 (Av)		41.34	54	-12.66
		5290 (Pk)	Horizontal	99.22	-	-
		5290 (Av)		86.03	-	-
		5350 (Pk)		60.31	74*	-13.69
		5350 (Av)		44.39	54*	-9.61
		10580 (Pk)		52.20	68.23	-16.03
		10580 (Av)		40.18	54	-13.82
		15870 (Pk)		53.11	68.23	-15.12
		15870 (Av)		41.33	54	-12.67

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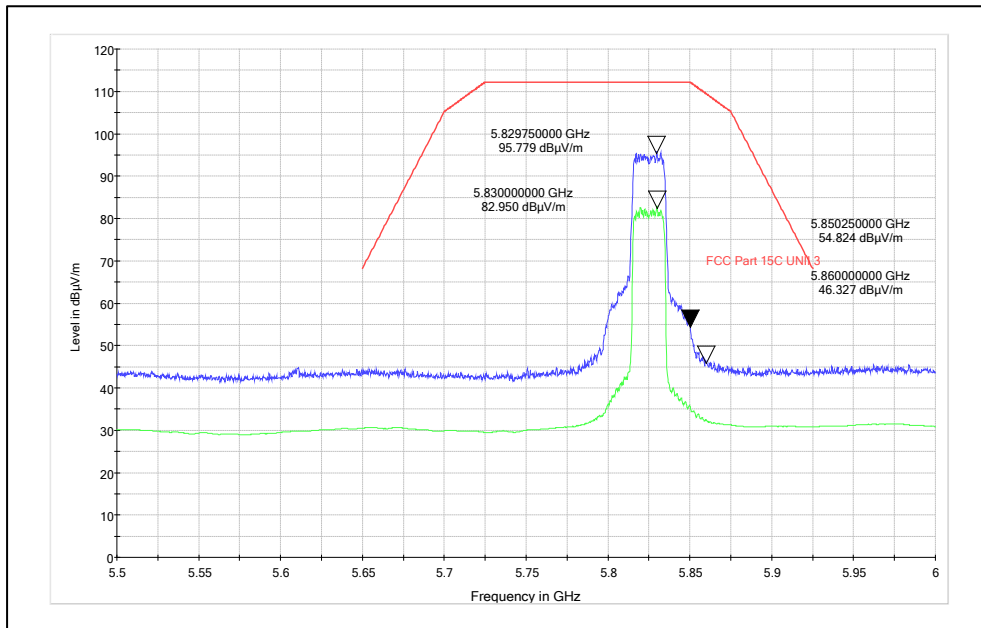
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UNII 2c	5530	5530 (Pk)	Vertical	81.16	-	-
		5530 (Av)		68.22	-	-
		5460 (Pk)		42.78	74*	-31.22
		5460 (Av)		30.07	54*	-23.93
		11060 (Pk)		52.48	68.23	-15.75
		11060 (Av)		41.06	54	-12.94
		16590 (Pk)		54.57	68.23	-13.66
		16590 (Av)		43.15	54	-10.85
		5530 (Pk)	Horizontal	92.64	-	-
		5530 (Av)		79.08	-	-
		5460 (Pk)		48.41	74*	-25.59
		5460 (Av)		34.30	54*	-19.70
		11060 (Pk)		52.35	68.23	-15.88
		11060 (Av)		41.11	54	-12.89
		16590 (Pk)		54.67	68.23	-13.56
		16590 (Av)		43.11	54	-10.89
	5690	5690 (Pk)	Vertical	82.36	-	-
		5690 (Av)		68.61	-	-
		5460 (Pk)		41.33	74*	-32.67
		5460 (Av)		29.41	54*	-24.59
		11380 (Pk)		54.00	68.23	-14.23
		11380 (Av)		41.76	54	-12.24
		17070 (Pk)		56.06	68.23	-12.17
		17070 (Av)		43.86	54	-10.14
		5690 (Pk)	Horizontal	92.12	-	-
		5690 (Av)		78.58	-	-
		5460 (Pk)		43.59	74*	-30.41
		5460 (Av)		31.28	54*	-22.72
		11380 (Pk)		53.12	68.23	-15.11
		11380 (Av)		41.72	54	-12.28
		17070 (Pk)		56.05	68.23	-12.18
		17070 (Av)		43.84	54	-10.16
UNII 3	5775	5775 (Pk)	Vertical	90.16	-	-
		5775 (Av)		75.73	-	-
		11550 (Pk)		54.56	68.23	-13.67
		11550 (Av)		42.35	54	-11.65
		17325 (Pk)		56.43	68.23	-11.80
		17325 (Av)		44.74	54	-9.26
		5775 (Pk)	Horizontal	99.63	-	-
		5775 (Av)		85.66	-	-
		11550 (Pk)		54.17	68.23	-14.06
		11550 (Av)		42.45	54	-11.55
		17325 (Pk)		57.64	68.23	-10.59
		17325 (Av)		44.74	54	-9.26

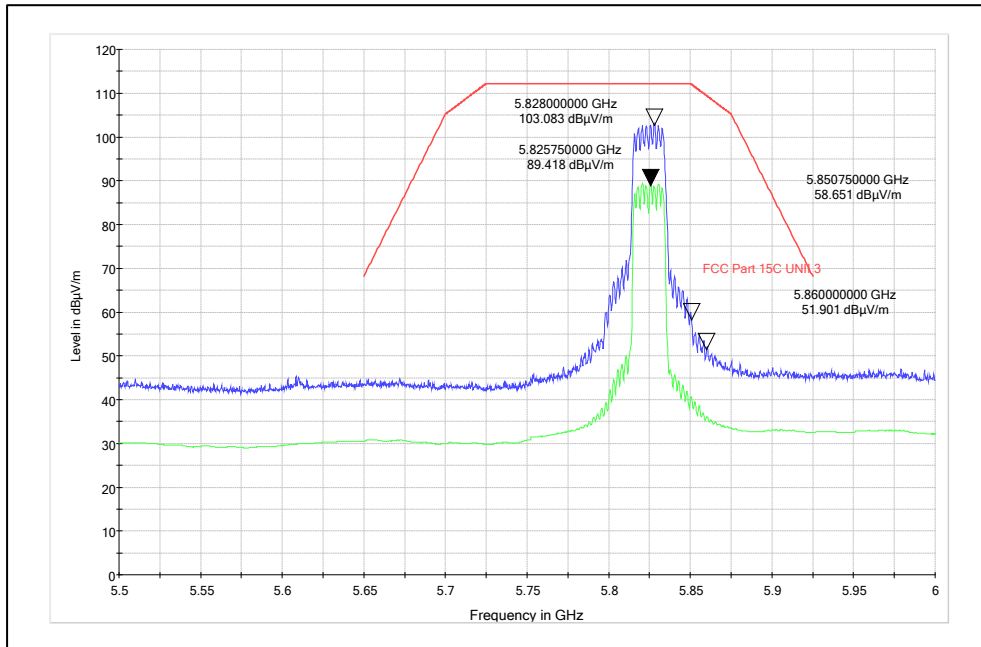
Test Plots:

Modulation 802.11ax-20MHz



Channel frequency: 5825MHz

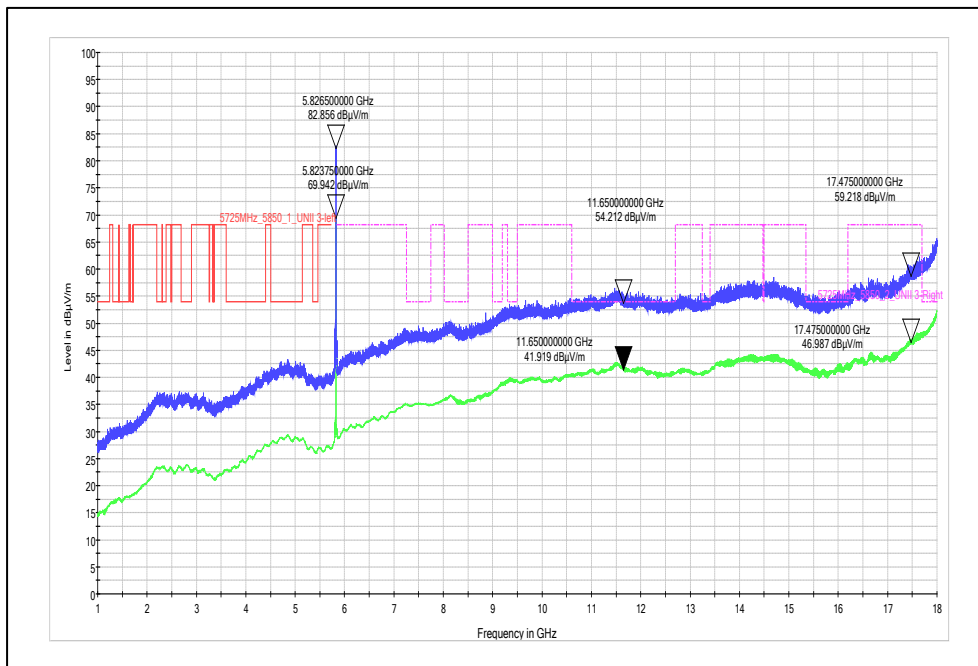
Polarization: Vertical



Channel frequency: 5825MHz

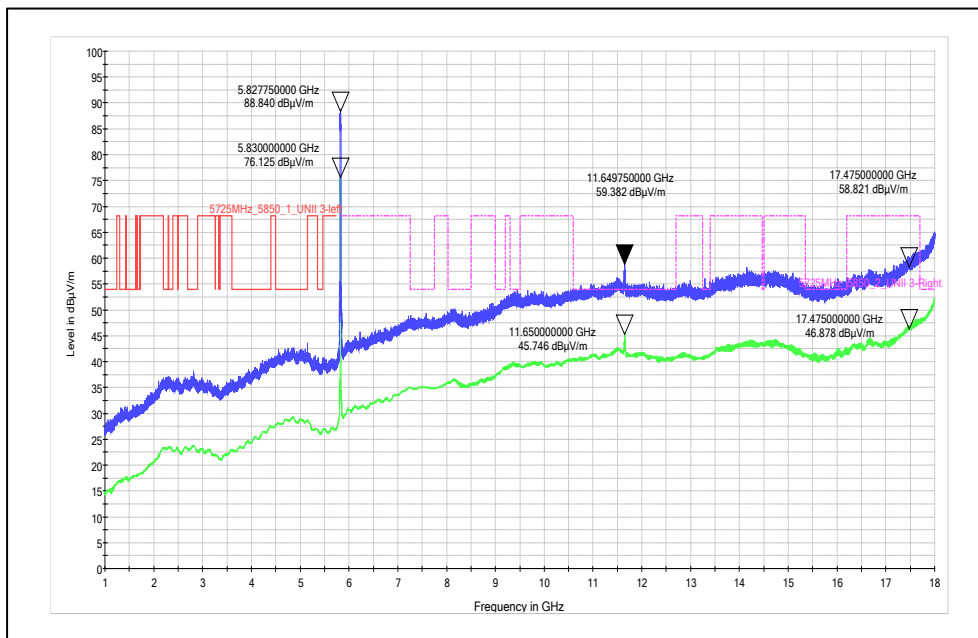
Polarization: Horizontal

Channel Frequency: 5825MHz



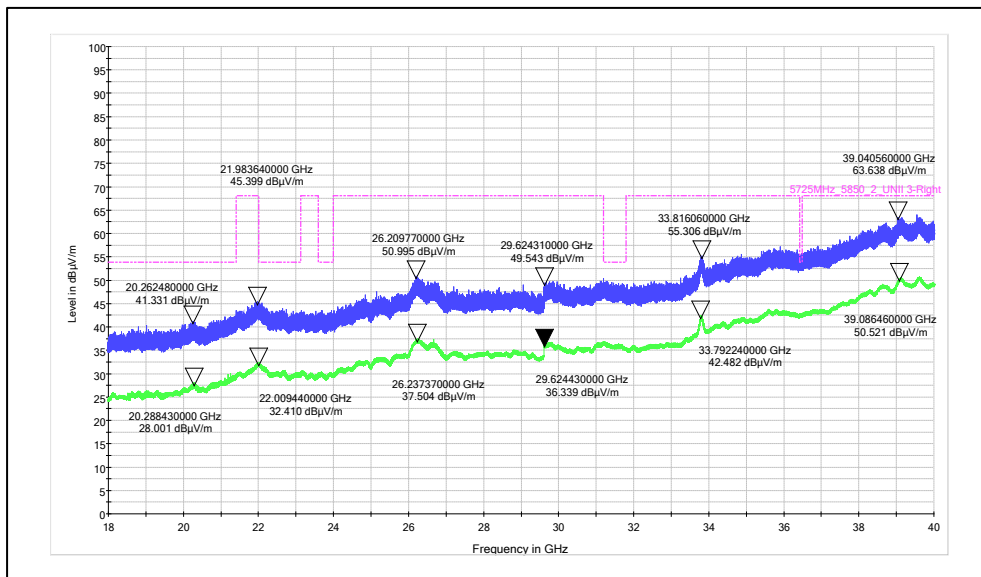
Frequency range: 1GHz-18GHz

Polarization: Vertical



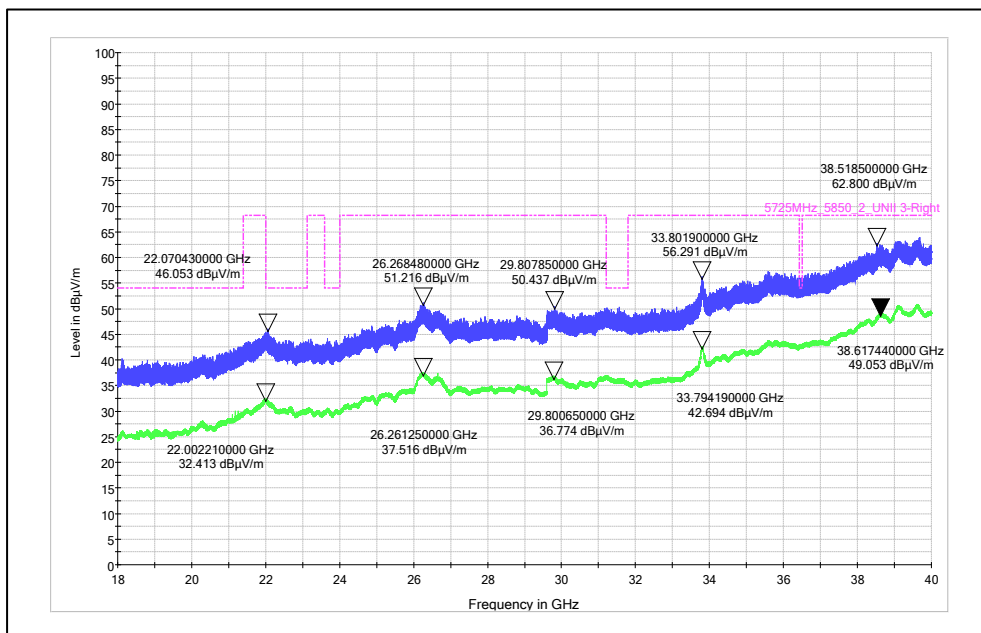
Frequency range: 1GHz-18GHz

Polarization: Horizontal



Frequency range: 18GHz-40GHz

Polarization: Vertical



Frequency range: 18GHz-40GHz

Polarization: Horizontal

8 Conducted Spurious Emission test on AC Power Line

Result

Pass

Test Specification : FCC Part 15 Section 15.207
Test Method : ANSI C 63.10-2013
Testing Location : Screened room
Measurement Bandwidth : 9kHz
Frequency Range : 150kHz – 30MHz
Supply Voltage : 110VAC,60Hz
Test Method : Refer TEST METHODOLOGY

Limits of section 15.207

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak (dBμV)	Average (dBμV)
0.15-0.5	66-56*	56-46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency

Test Conditions:

Normal Temperature = +24°C Voltage (V norm) = 110V AC (Through AC to DC Adapter)
RH = 64 %

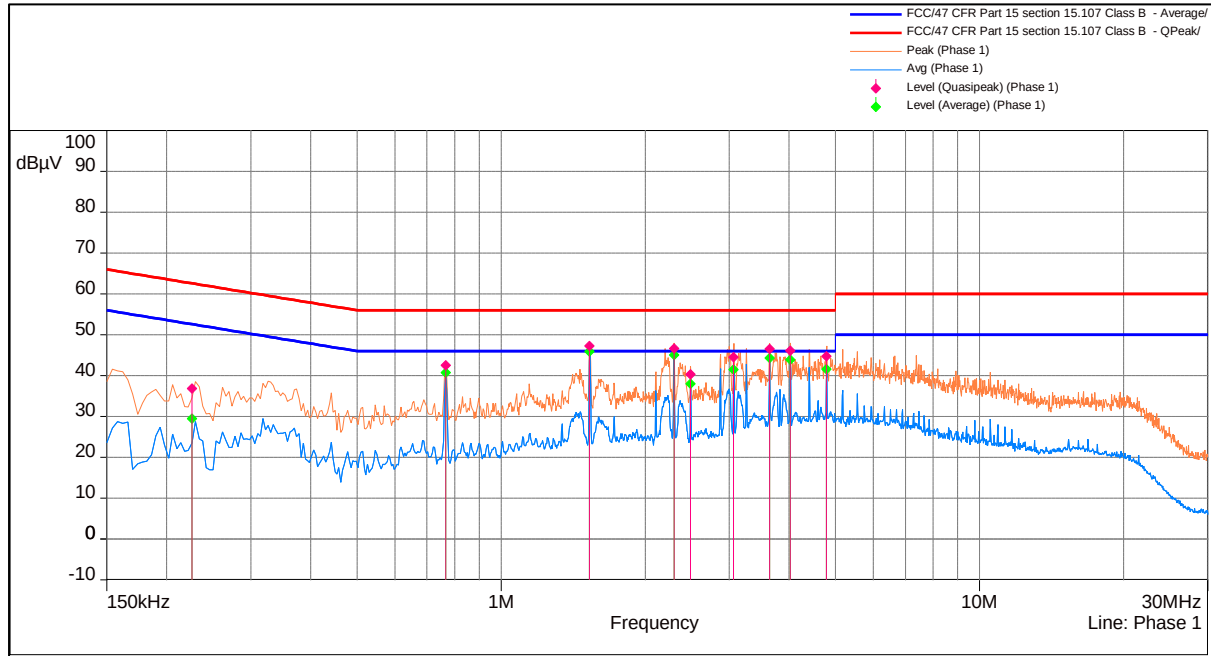
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Test result:

Power: 110V 60Hz_LINE



Quasipeak:-

Frequency (MHz)	Correction (dB)	Level (dBμV)	Limit (dBμV)	Margin (dB)	Comments
1.53175	19.69	47.25	56	-8.75	Pass
2.2998	19.69	46.63	56	-9.37	Pass
3.63845	19.7	46.53	56	-9.47	Pass
4.02155	19.71	46.1	56	-9.9	Pass
4.7873	19.7	44.72	56	-11.28	Pass
3.0624	19.7	44.48	56	-11.52	Pass
0.76645	19.66	42.49	56	-13.51	Pass
2.48955	19.69	40.37	56	-15.63	Pass
0.2273	19.56	36.83	62.6	-25.77	Pass

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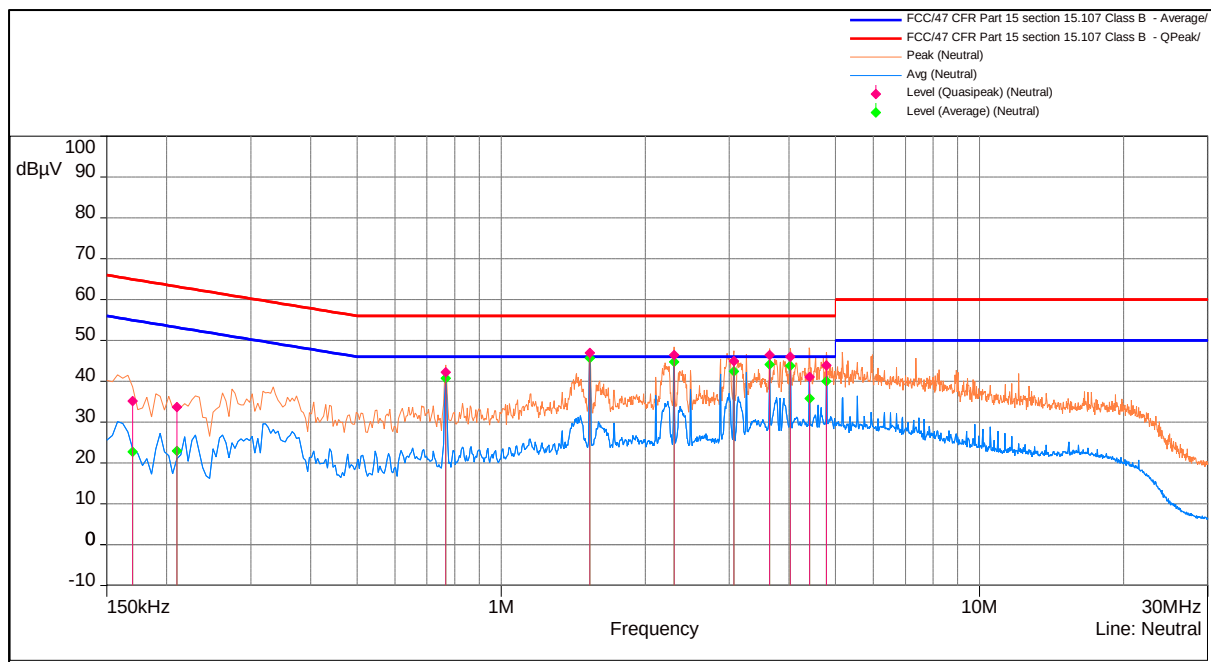
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Average:-

Frequency (MHz)	Correction (dB)	Level (dBµV)	Limit (dBµV)	Margin (dB)	Comments
1.53175	19.69	45.9	46	-0.1	Pass
2.2998	19.69	45.04	46	-0.96	Pass
3.63845	19.7	44.32	46	-1.68	Pass
4.02155	19.71	43.9	46	-2.1	Pass
4.7873	19.7	41.57	46	-4.43	Pass
3.0624	19.7	41.5	46	-4.5	Pass
0.76645	19.66	40.76	46	-5.24	Pass
2.48955	19.69	37.99	46	-8.01	Pass
0.2273	19.56	29.46	52.6	-23.13	Pass

Line Table

Power: 110V60Hz_NEUTRAL



Neutral Graph

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Quasipeak:-

Frequency (MHz)	Correction (dB)	Level (dBμV)	Limit (dBμV)	Margin (dB)	Comments
1.5331	19.7	46.96	56	-9.04	Pass
2.29665	19.69	46.4	56	-9.6	Pass
3.6398	19.71	46.4	56	-9.6	Pass
4.0229	19.71	45.98	56	-10.02	Pass
3.0651	19.7	44.94	56	-11.06	Pass
4.7855	19.71	43.87	56	-12.13	Pass
0.76645	19.67	42.19	56	-13.81	Pass
4.4105	19.71	41.11	56	-14.89	Pass
0.20975	19.55	33.68	63.21	-29.52	Pass
0.17195	19.55	35.16	64.96	-29.8	Pass

Average:-

Frequency (MHz)	Correction (dB)	Level (dBμV)	Limit (dBμV)	Margin (dB)	Comments
1.5331	19.7	45.72	46	-0.28	Pass
2.29665	19.69	44.75	46	-1.25	Pass
3.6398	19.71	44.15	46	-1.85	Pass
4.0229	19.71	43.82	46	-2.18	Pass
3.0651	19.7	42.39	46	-3.61	Pass
0.76645	19.67	40.71	46	-5.29	Pass
4.7855	19.71	40	46	-6	Pass
4.4105	19.71	35.75	46	-10.25	Pass
0.20975	19.55	22.99	53.21	-30.22	Pass
0.17195	19.55	22.79	54.96	-32.17	Pass

Neutral Table

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10 Power level used for testing

a-mode 6Mbps		n-mode HT20_MCS0		ac-mode VHT40_MCS0	
5180	10	5180	10	5190	10
5240	10	5240	10	5230	10
5260	12	5260	12	5270	11
5320	12	5320	12	5510	11
5500	9	5500	5	5590	8
5700	9	5700	5	5670	8
5745	13	5745	13	5755	12
5825	13	5825	13	5795	12
a-mode 54Mbps		n-mode HT20_MCS7		ac-mode VHT40_MCS9	
5180	9	5180	10	5190	9
5240	9	5240	10	5230	9
5260	12	5260	12	5270	11
5320	12	5320	12	5510	11
5500	8	5500	7	5590	6
5700	8	5700	7	5670	6
5745	13	5745	14	5755	10
5825	13	5825	14	5795	10
ac-mode VHT20_MCS0		n-mode HT40_MCS0		ac_VHT80_MCS0	
5180	10	5190	10	5210	8
5240	10	5230	10	5290	8
5260	12	5270	12	5530	8
5320	12	5510	12	5690	8
5500	9	5590	9	5755	15
5700	9	5670	9	ac_VHT80_MCS9	
5745	13	5755	12	5210	7
5825	13	5795	12	5290	7
ac-mode VHT20_MCS8		n-mode HT40_MCS7		5530	7
5180	10	5190	10	5690	7
5240	10	5230	10	5755	10
5260	12	5270	12		
5320	12	5510	12		
5500	9	5590	12		
5700	9	5670	12		
5745	12	5755	12		
5825	12	5795	12		

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ax-mode HE20_HE0		ax-mode HE40_HE0		ax-mode HE80_HE0	
5180	10	5190	9	5190	8
5240	10	5230	9	5230	8
5320	13	5270	11	5270	8
5500	8	5510	9	5510	8
5600	8	5590	9	5590	8
5700	8	5670	9	5670	8
5745	13	5755	12	5755	13
5825	13	5795	12	5795	13
ax-mode HE20_HE11		ax-mode HE40_HE11		ax-mode HE80_HE11	
5180	9	5190	9	5190	8
5240	9	5230	9	5230	8
5320	10	5270	9	5270	8
5500	7	5510	6	5510	8
5600	7	5590	6	5590	8
5700	7	5670	6	5670	8
5745	10	5755	8	5755	9
5825	10	5795	8	5795	9

*****END OF TEST REPORT*****